

FIG. 1

203710" 92615001

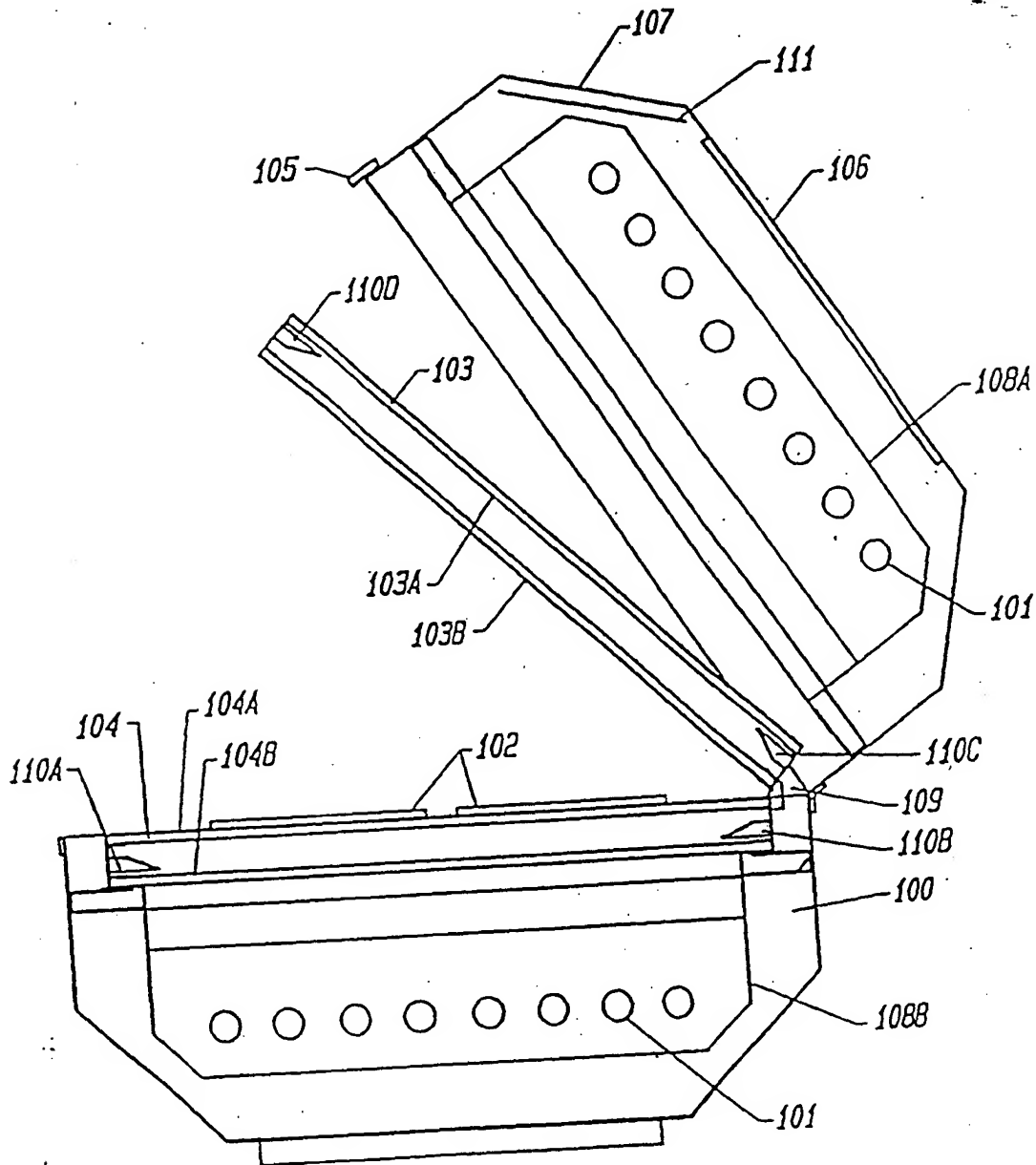


FIG 2

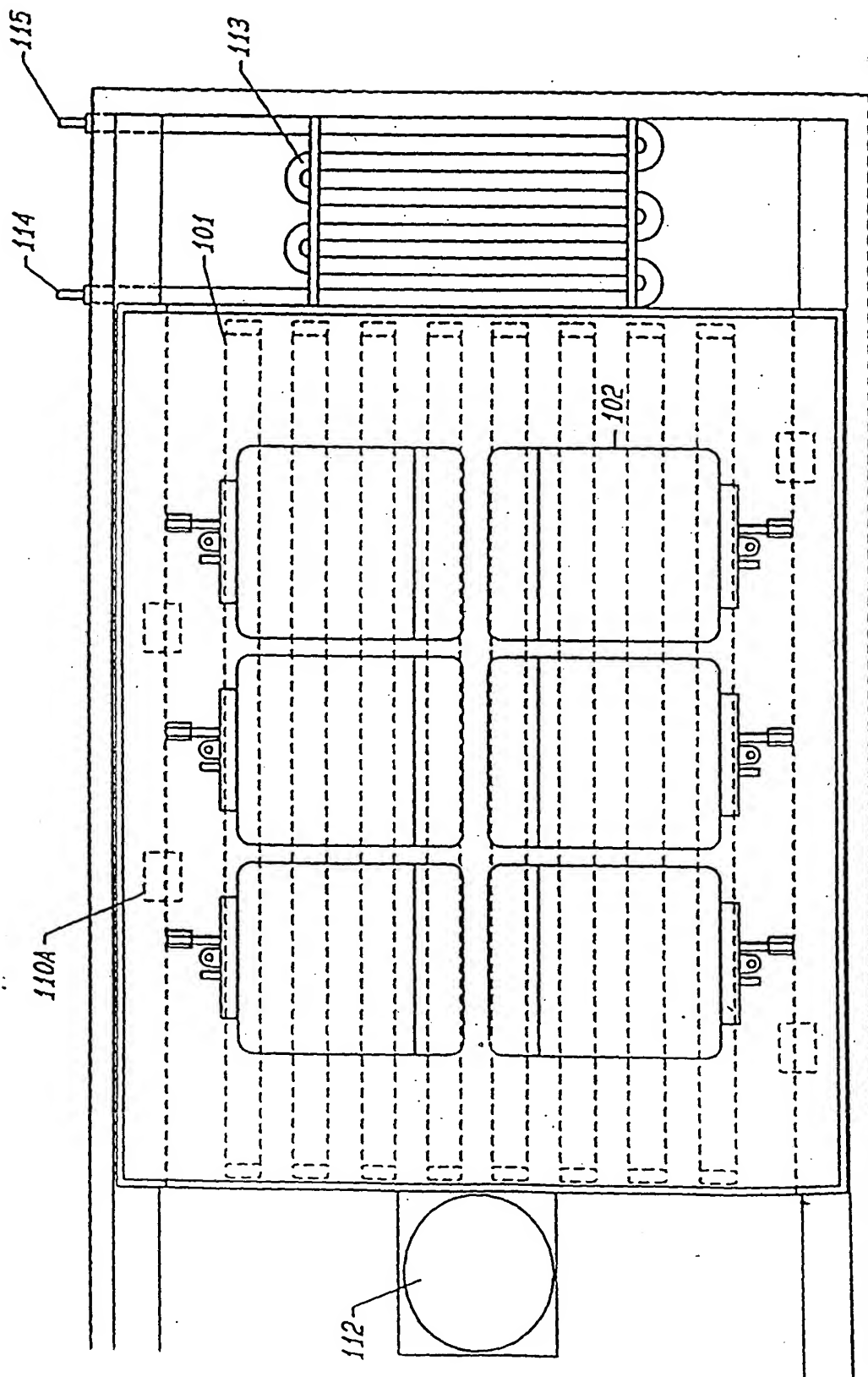


FIG. 3

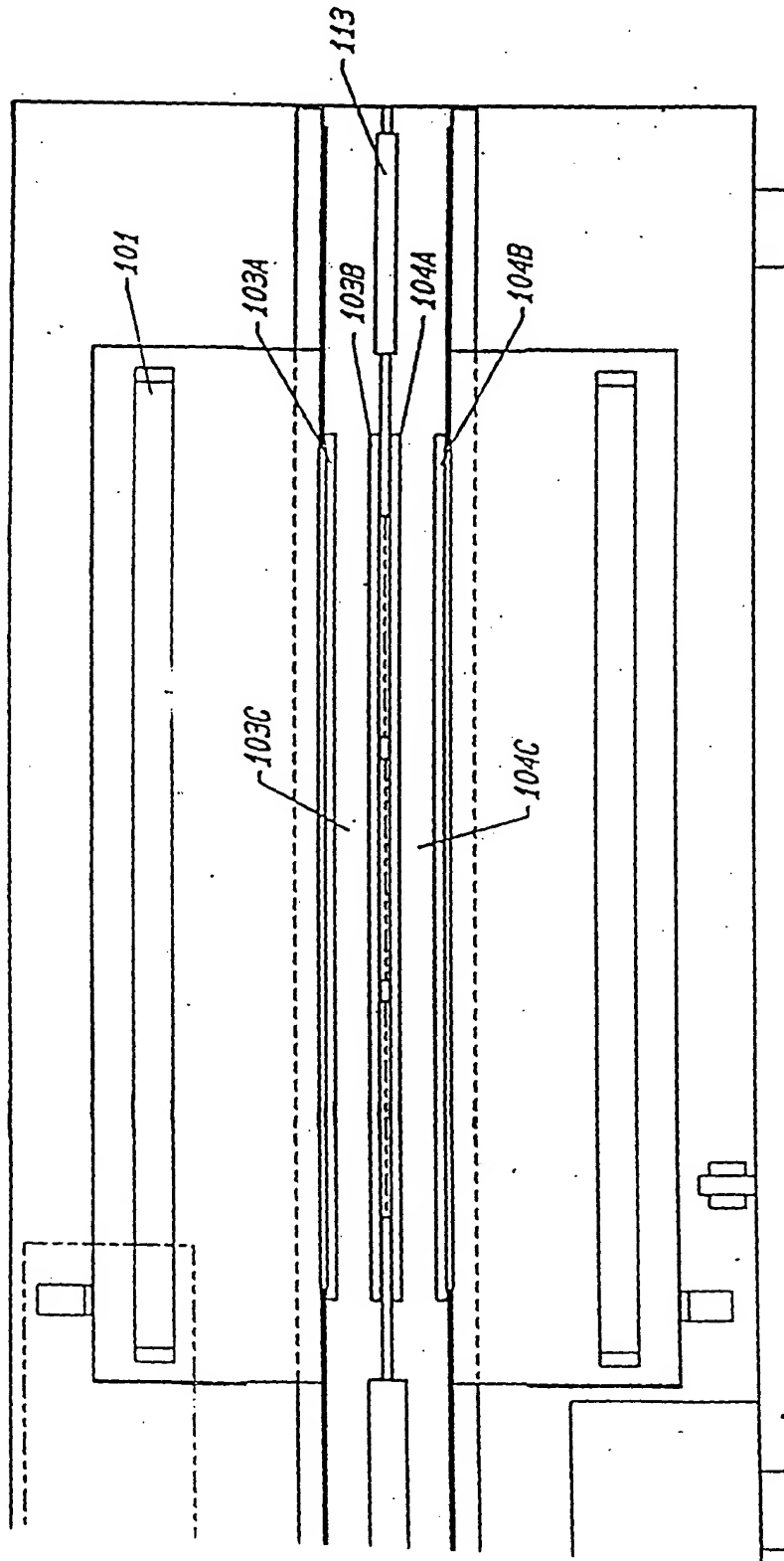


FIG. 4

209770" 92675007

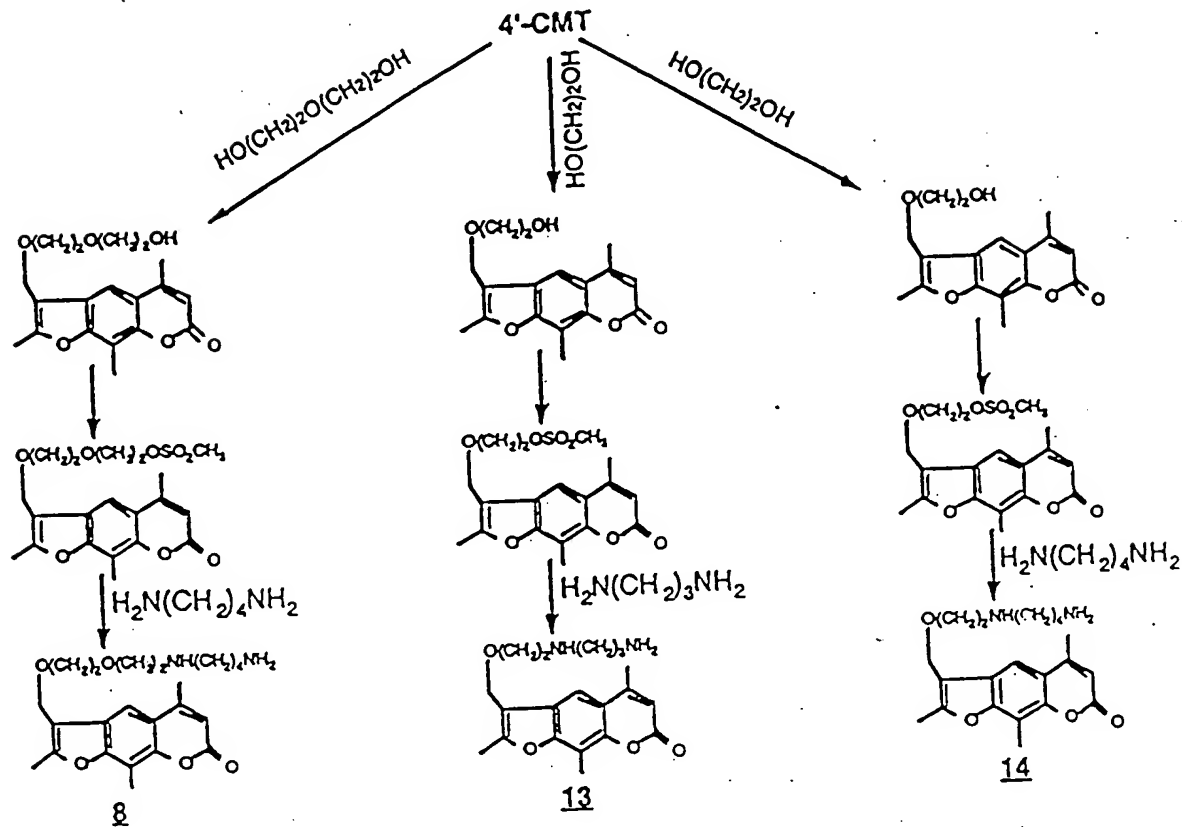


FIG. 5A

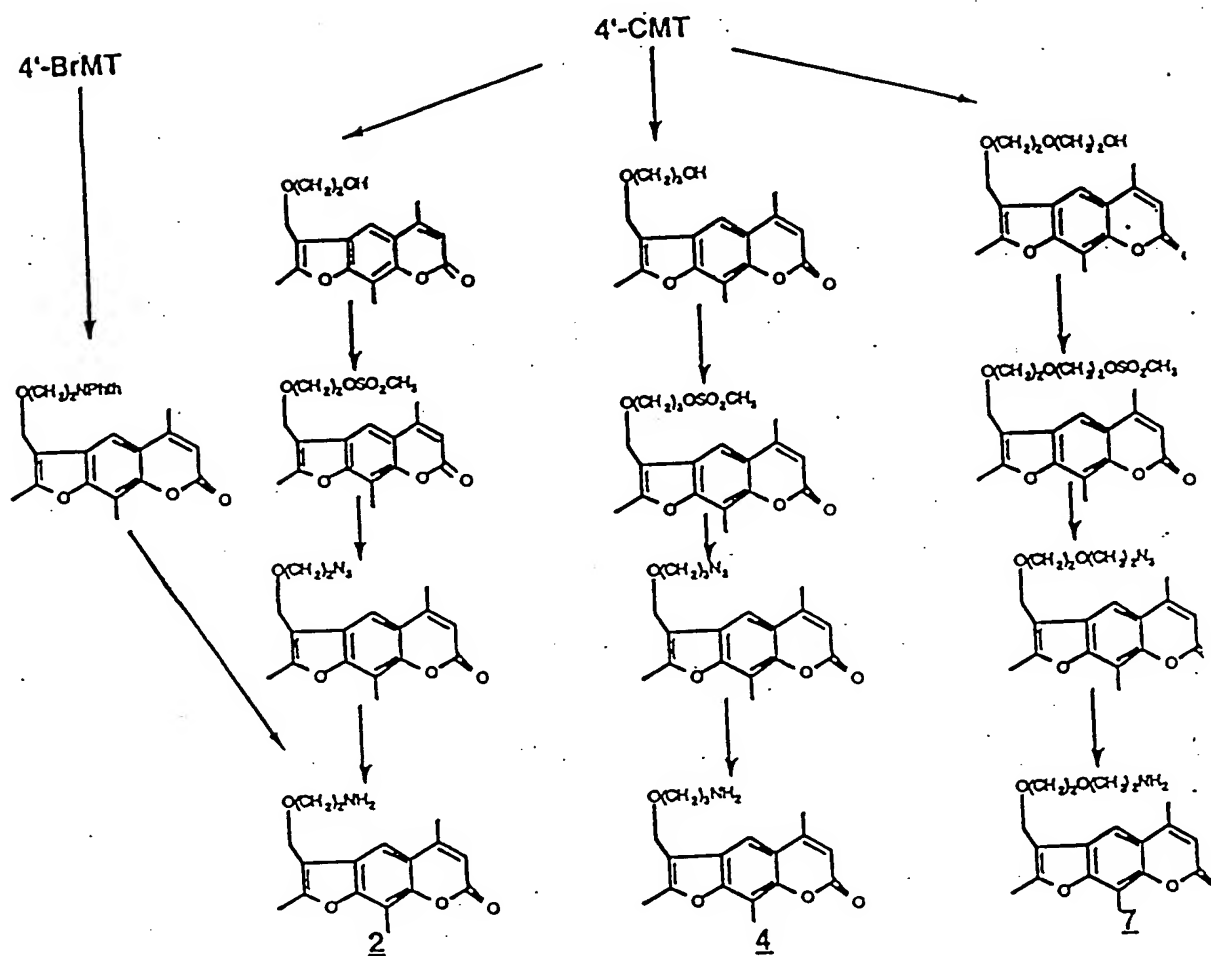


FIG. 5B

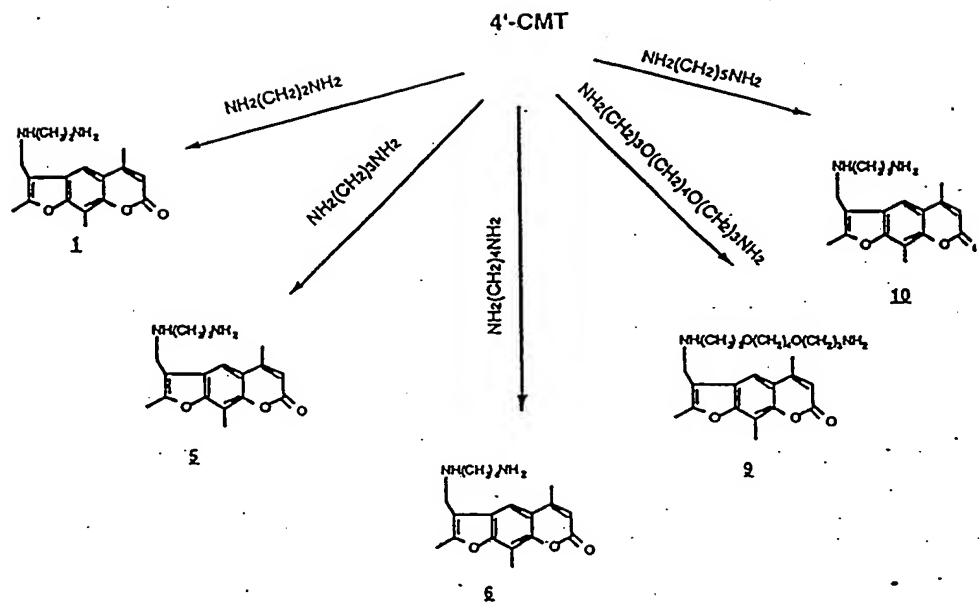


FIG. 5C

10051976-011602

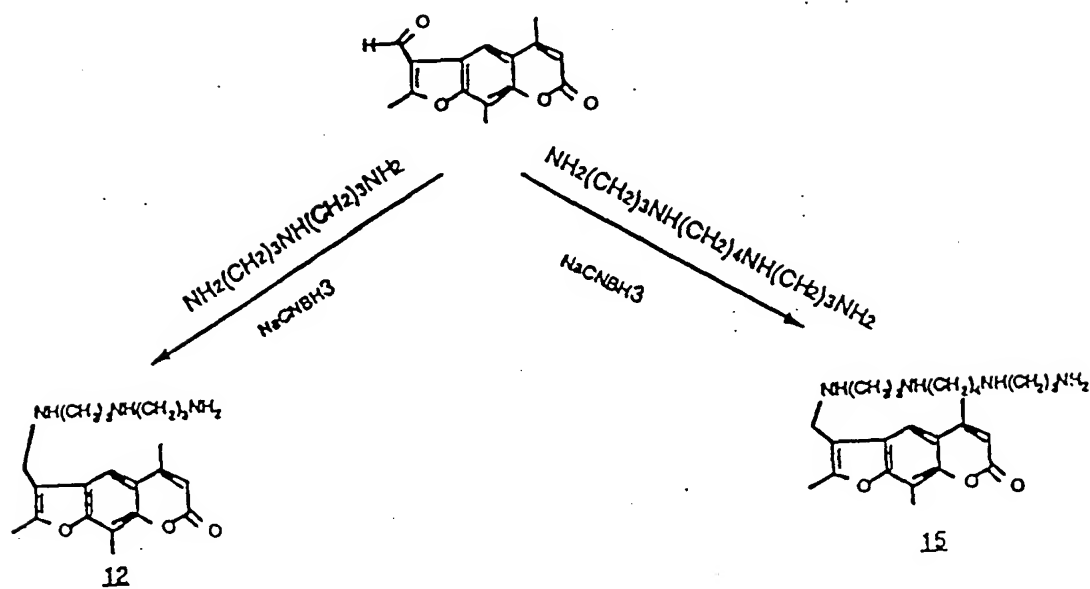


FIG. 5D

2025-10-01 10:00:00



4'-CMT

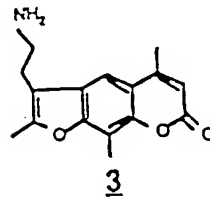
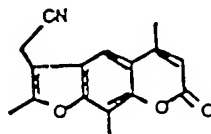


FIG. 5E

20970" 926T500T

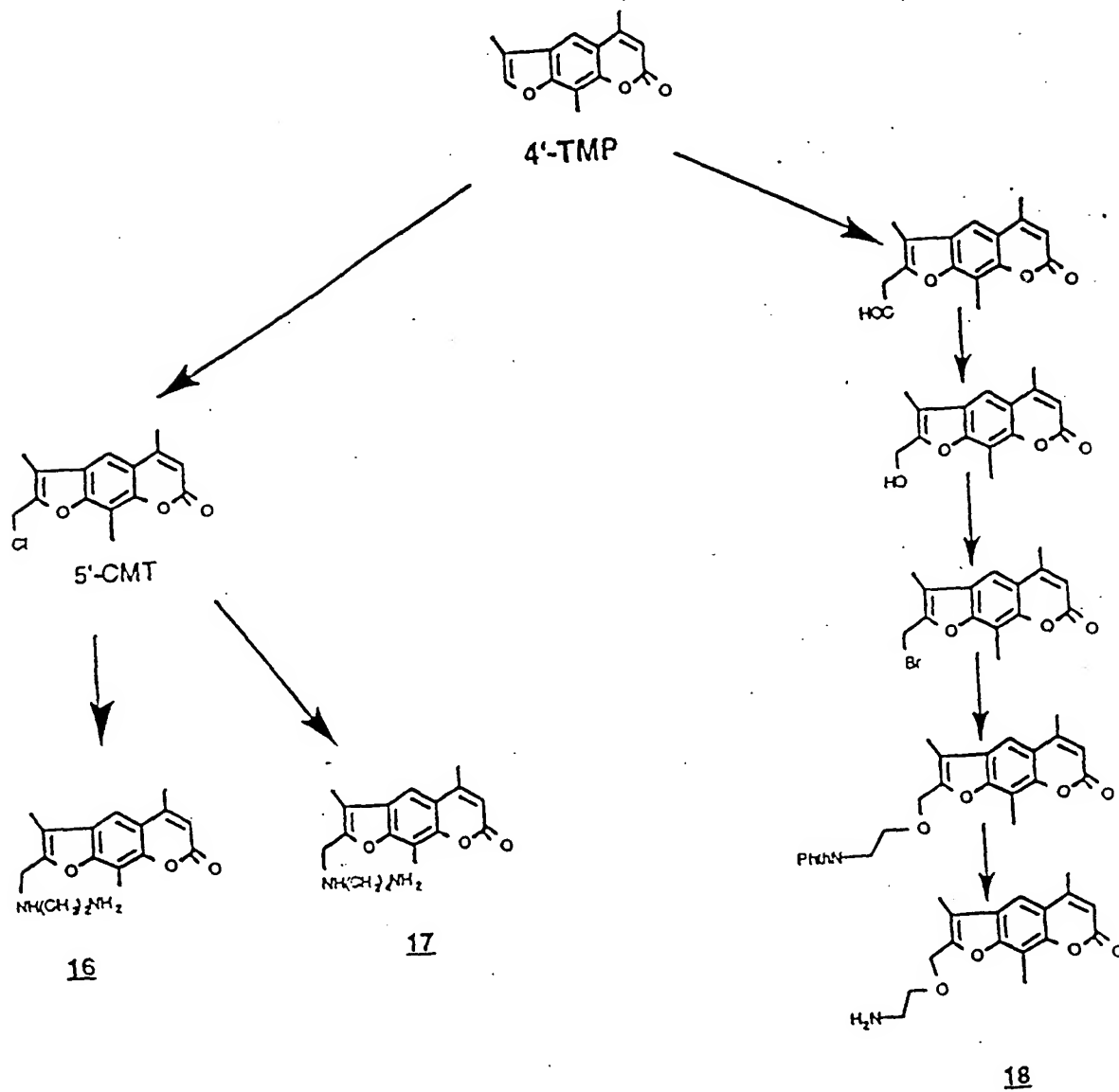


FIG. 5F

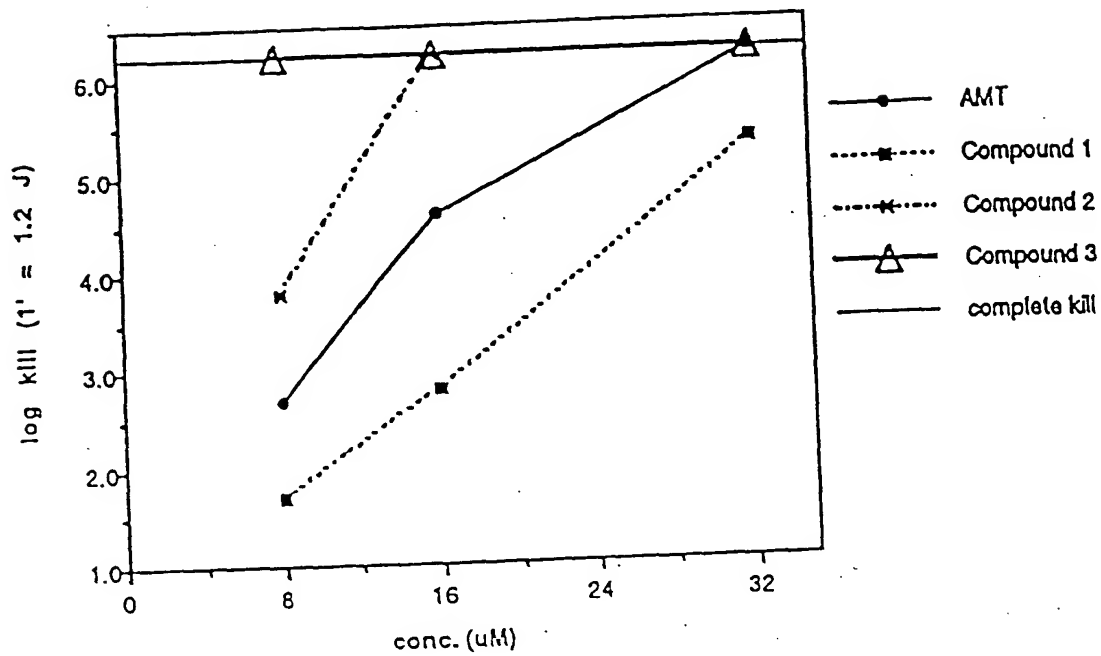


FIG. 6

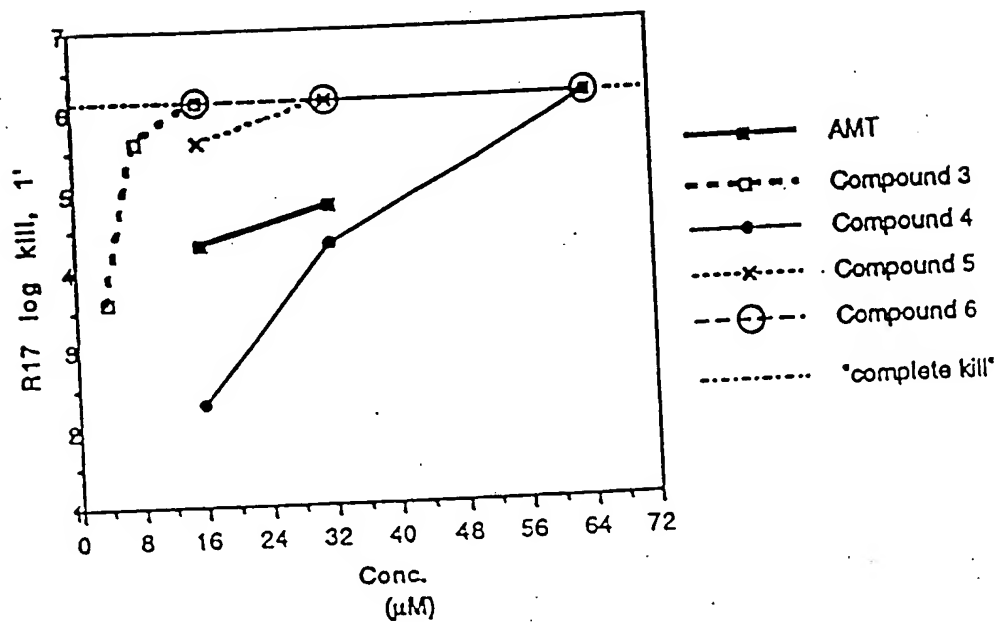


FIG. 7

209110-9/675001

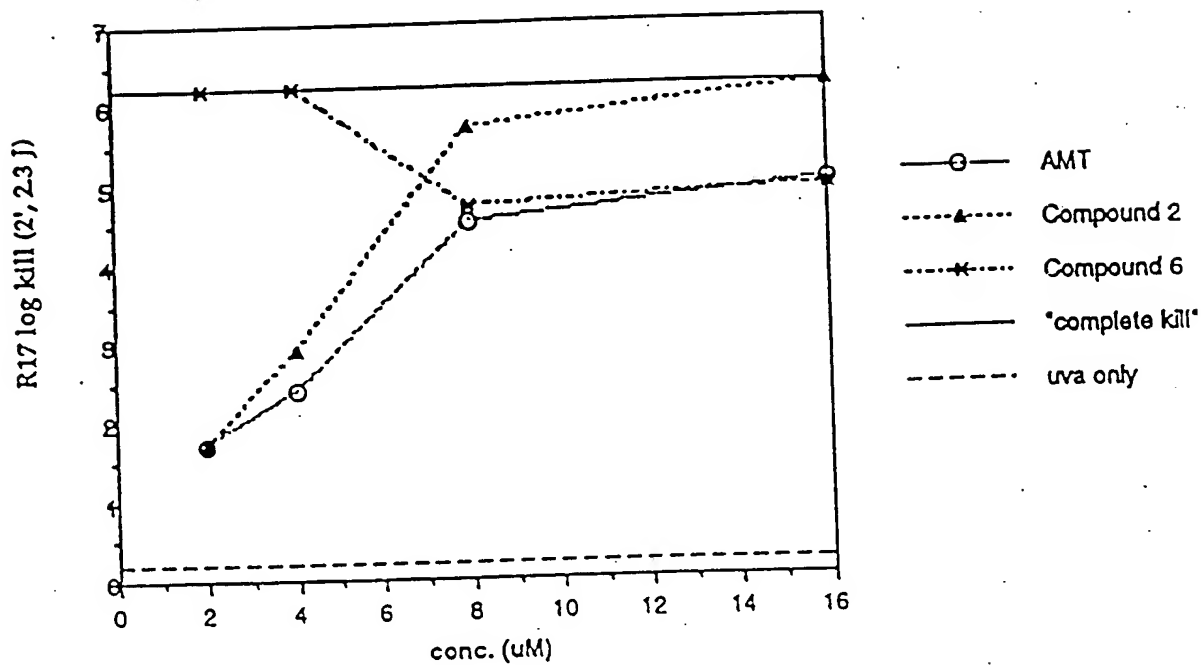


FIG. 8

20970" 926F500F

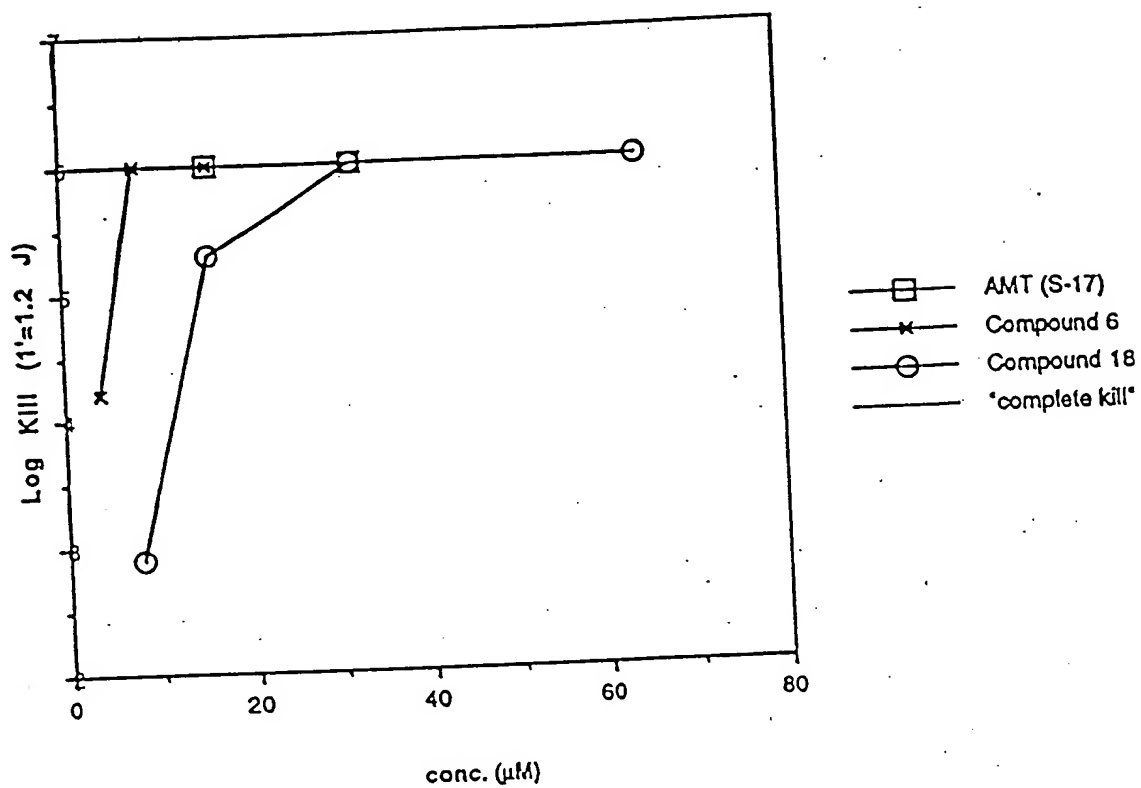


FIG. 9

2025-01-06 09:20:00

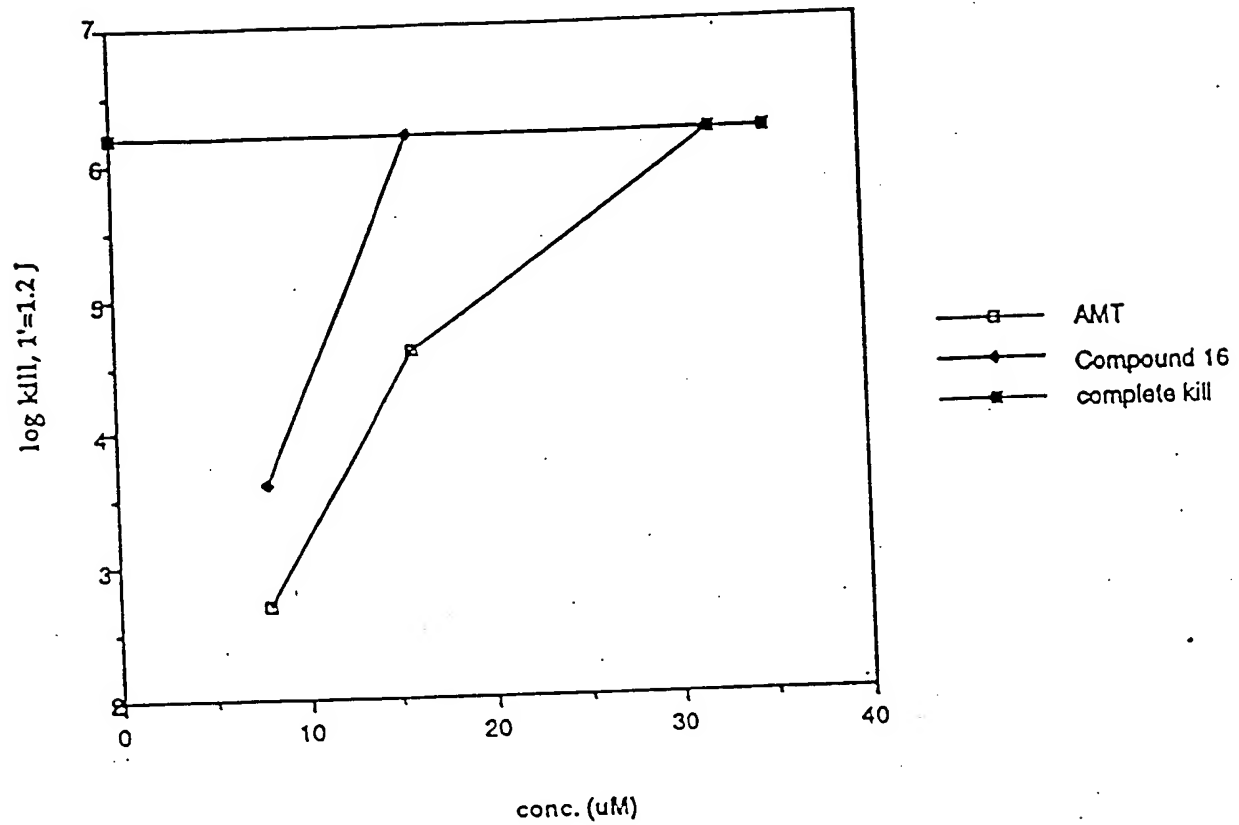


FIG. 10

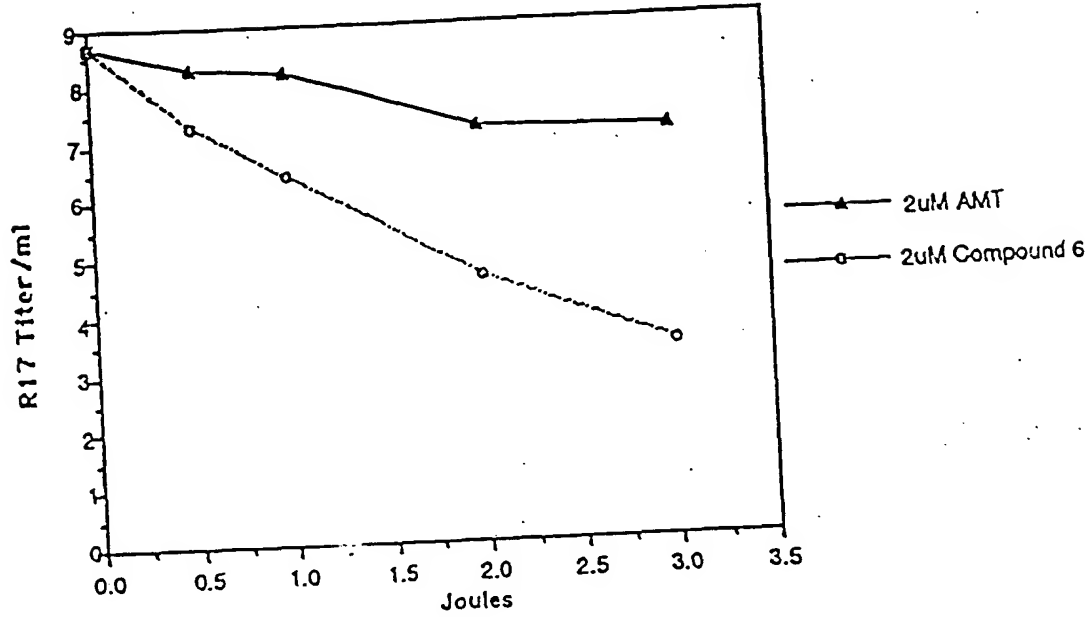


FIG. 11



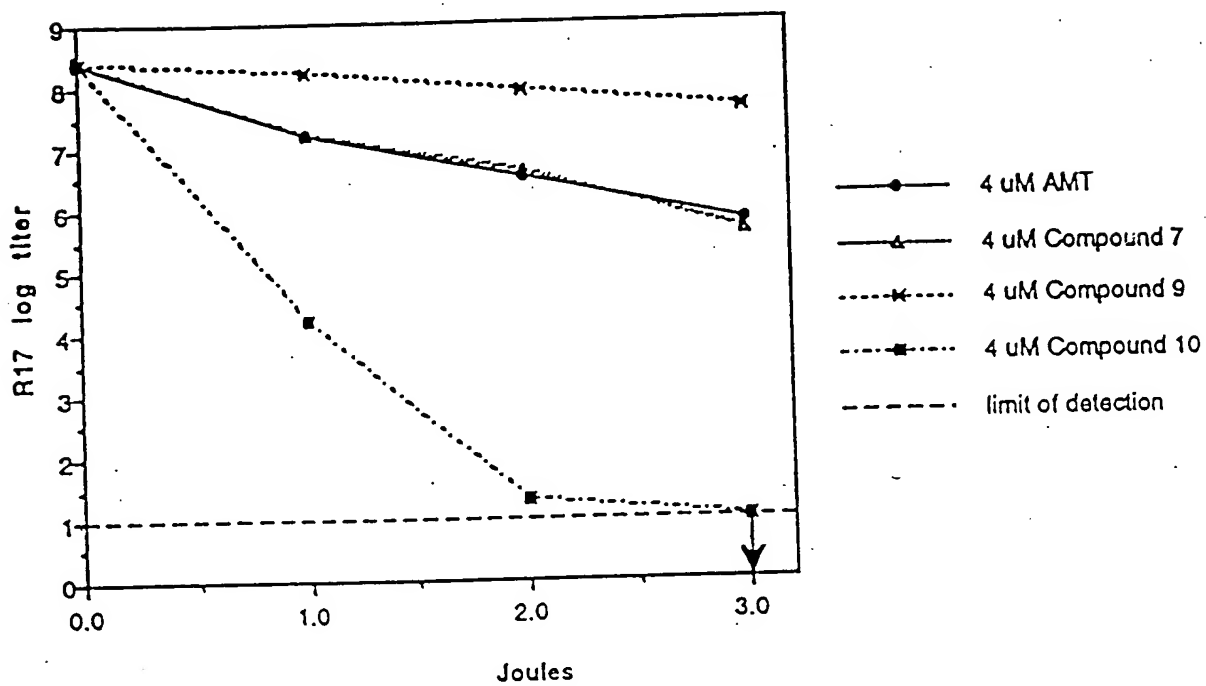


FIG. 12

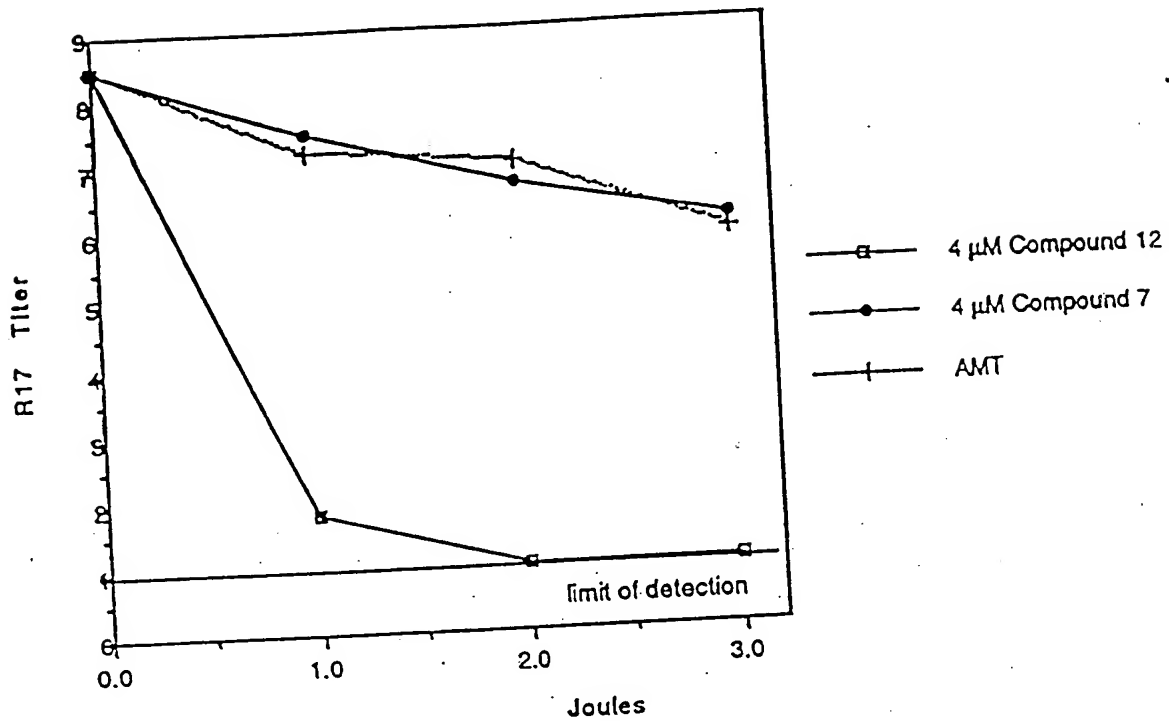


FIG. 13

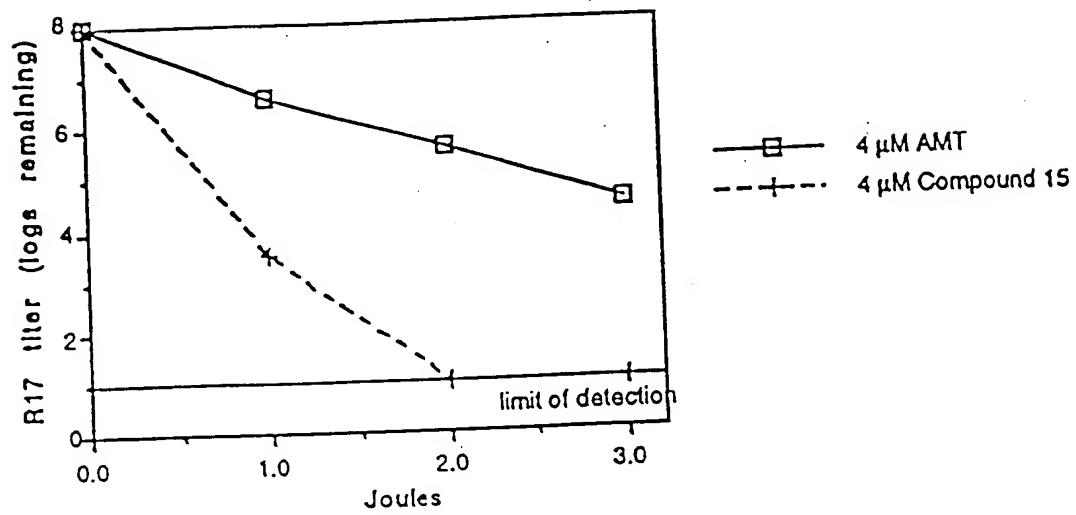


FIG. 14

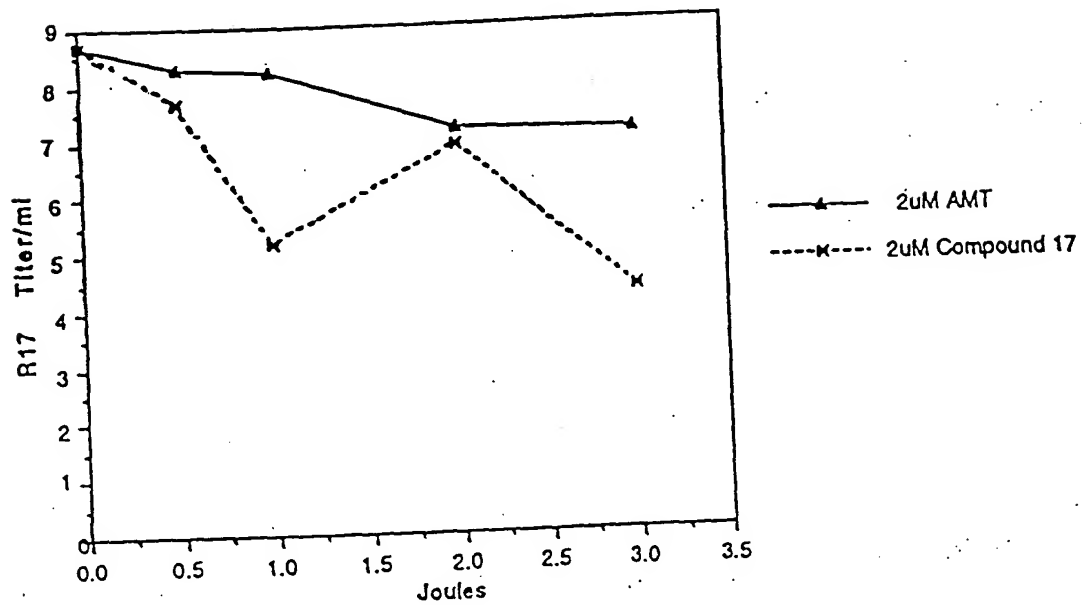


FIG. 15

209110" 92615001

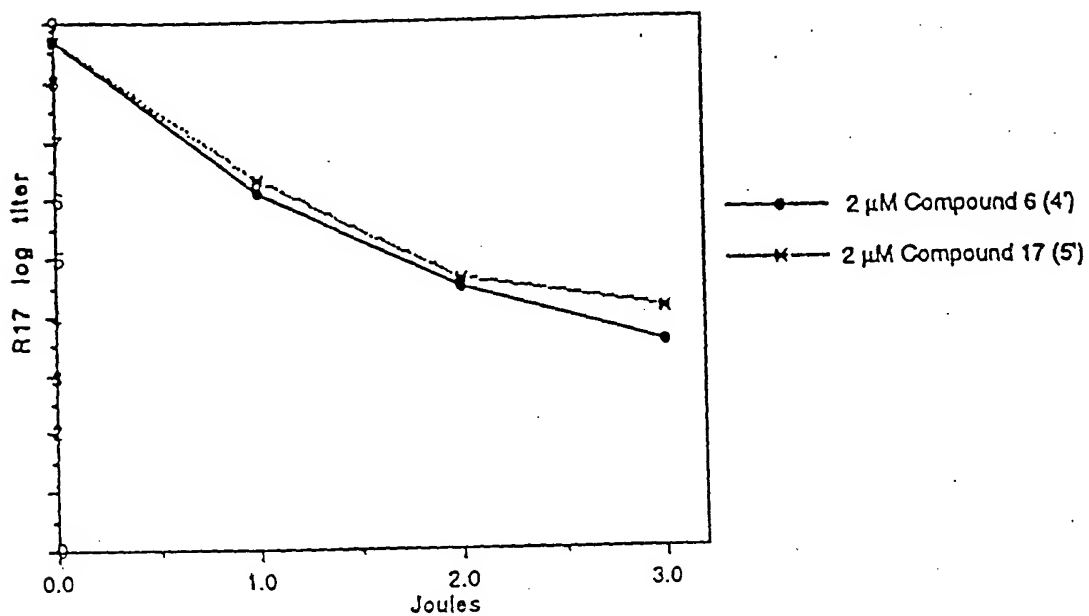


FIG. 16

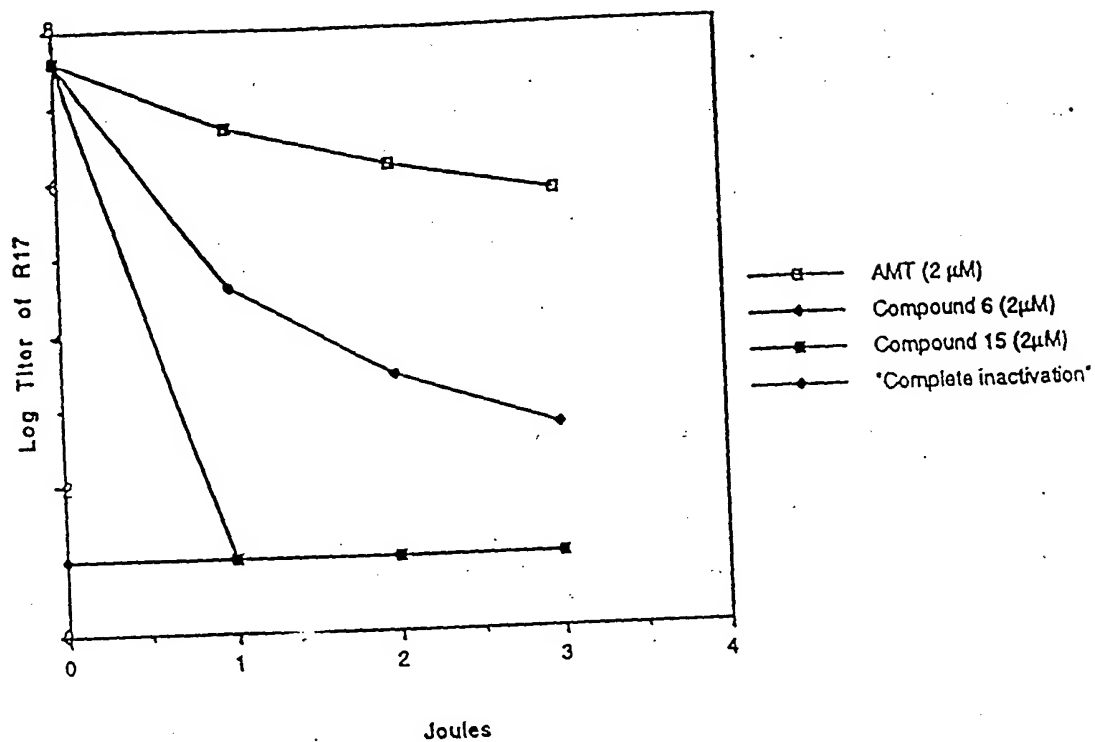


FIG. 17

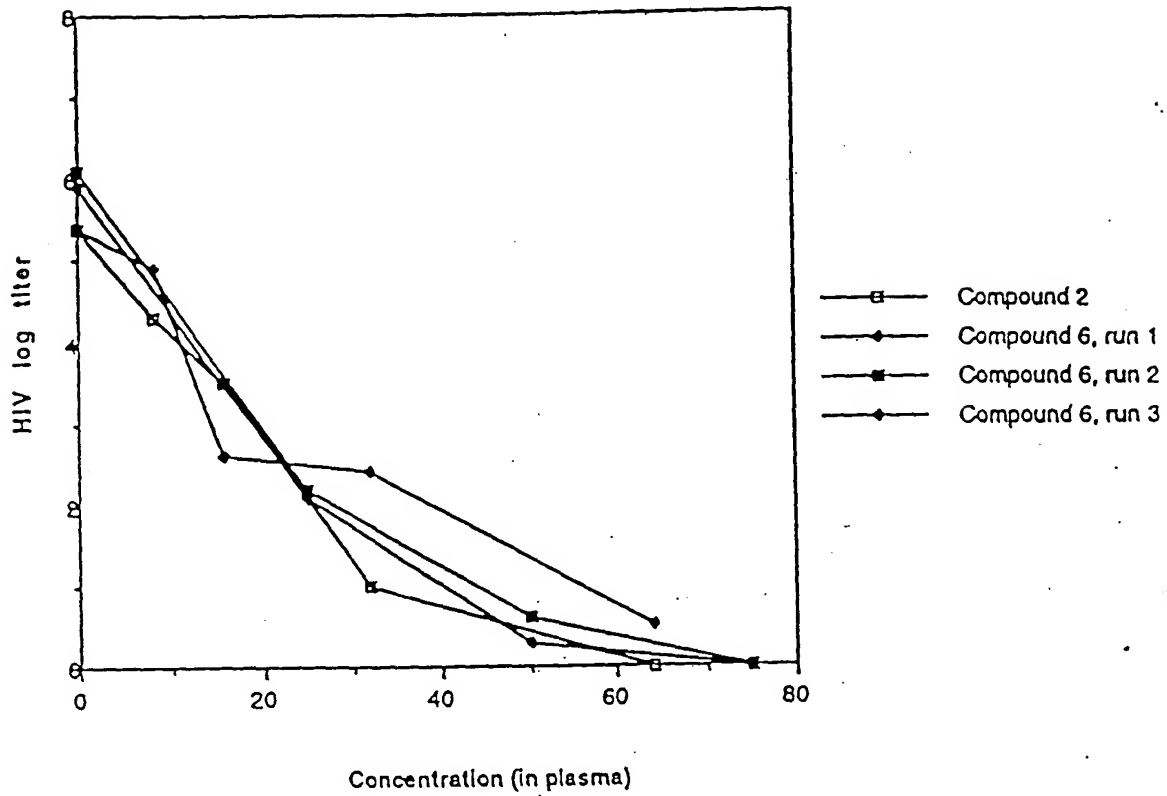


FIG. 18

203110-9/26/5001

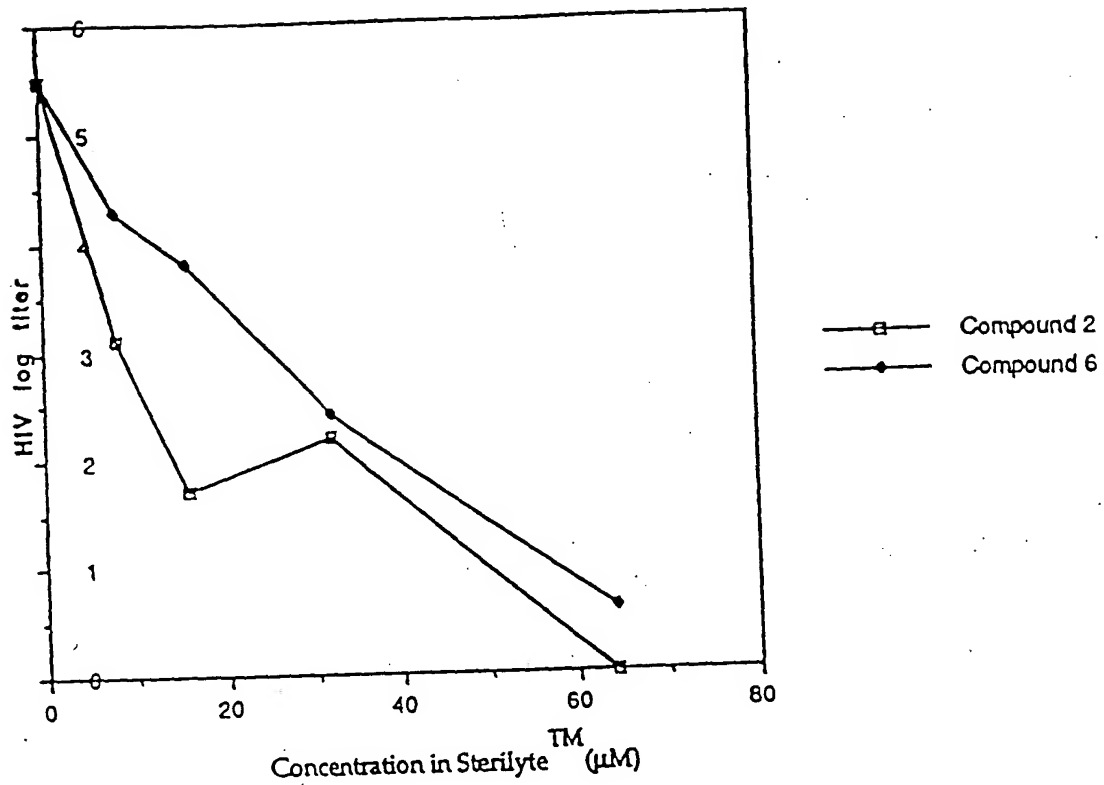


FIG. 19



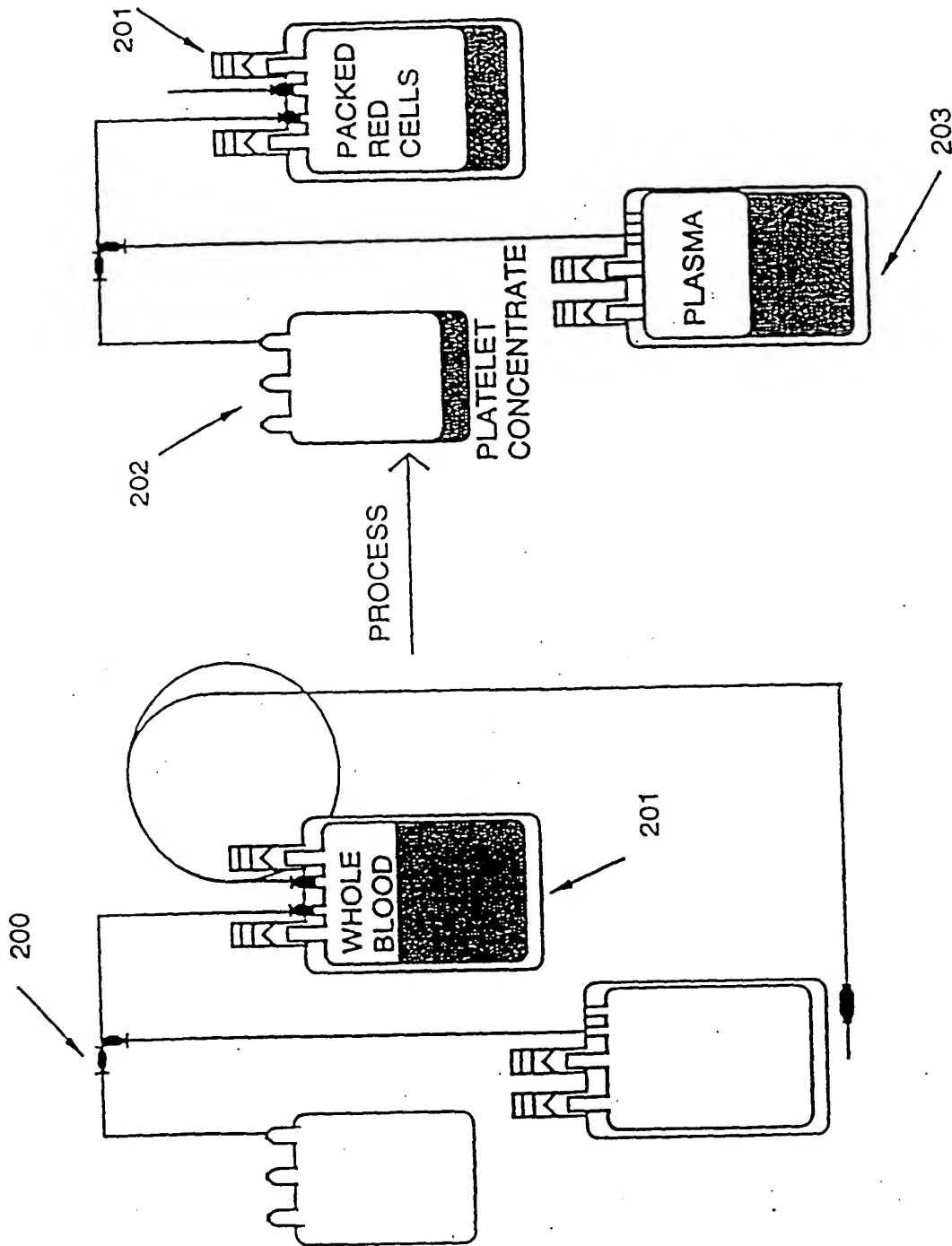


FIG. 20A

205110" 9/6T500T

209170" 916500T

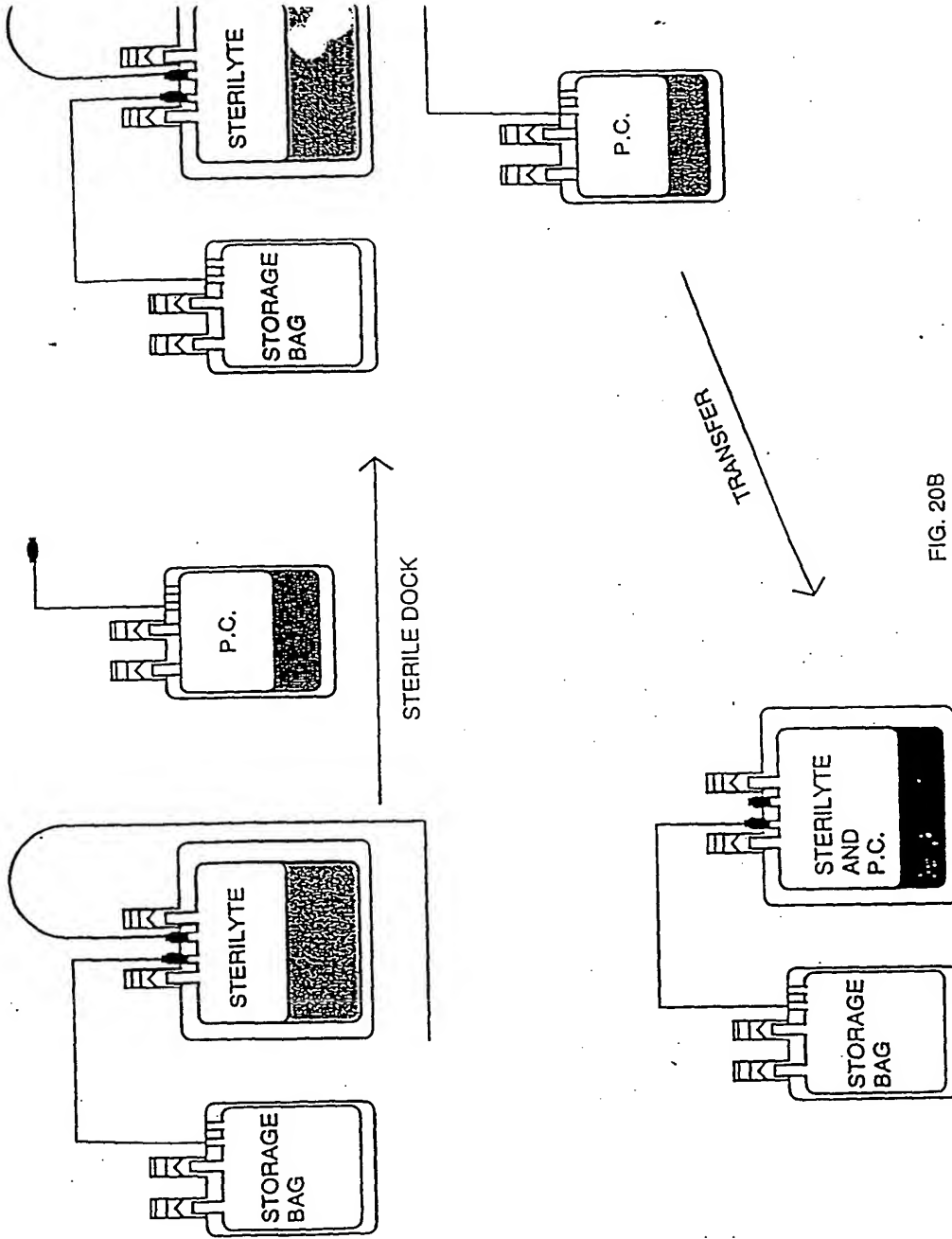


FIG. 20B

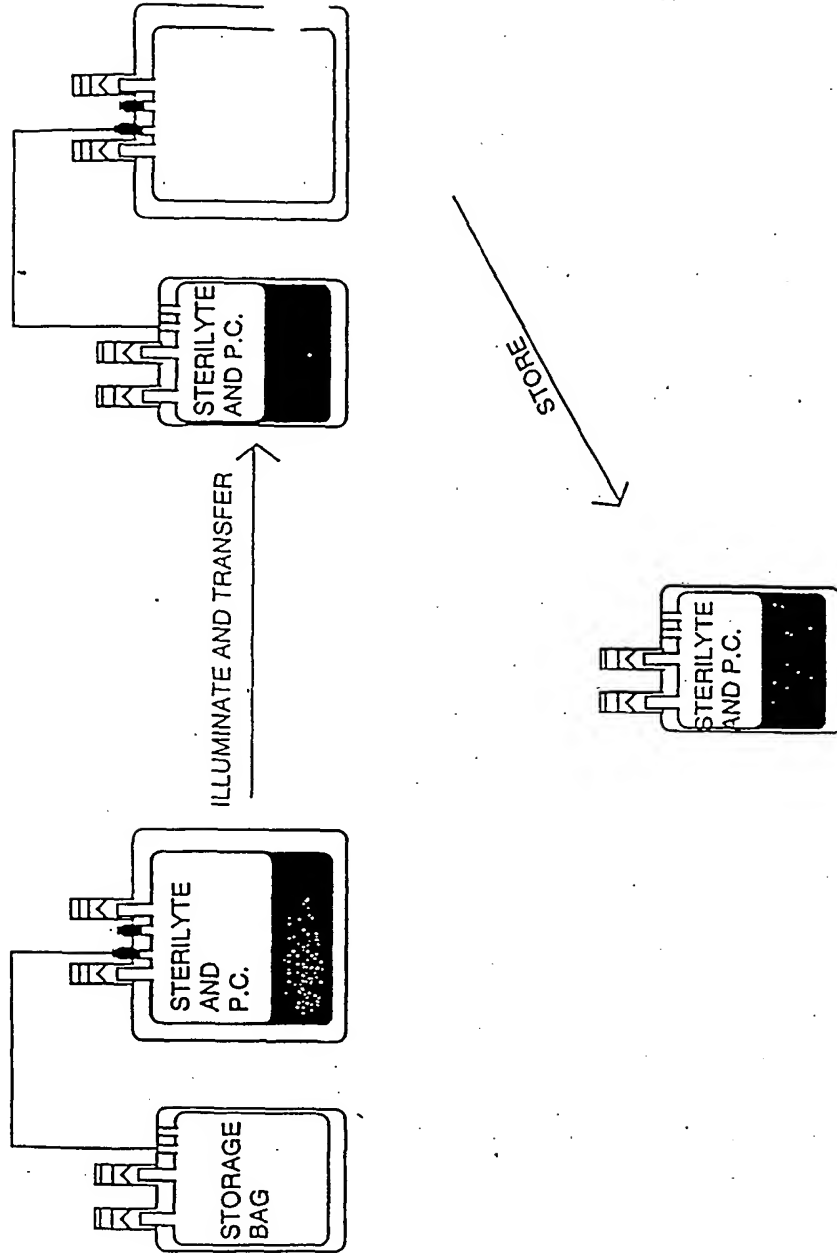


FIG. 20C

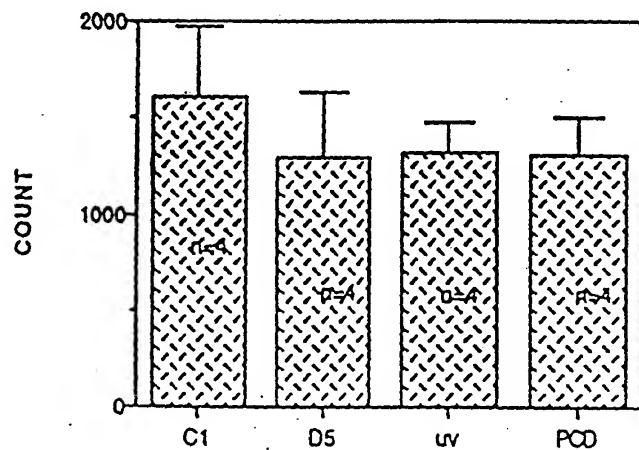


FIGURE 21A

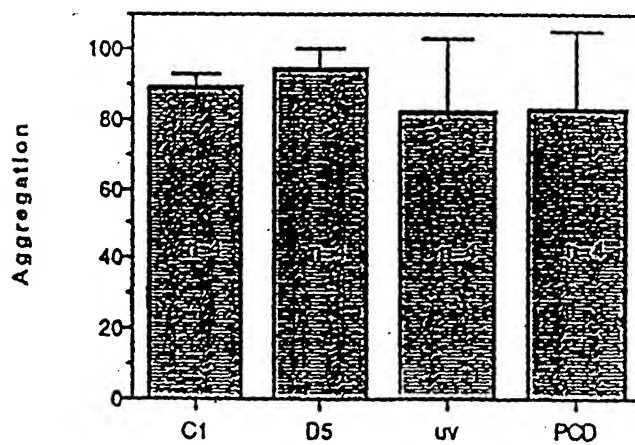


FIGURE 21B

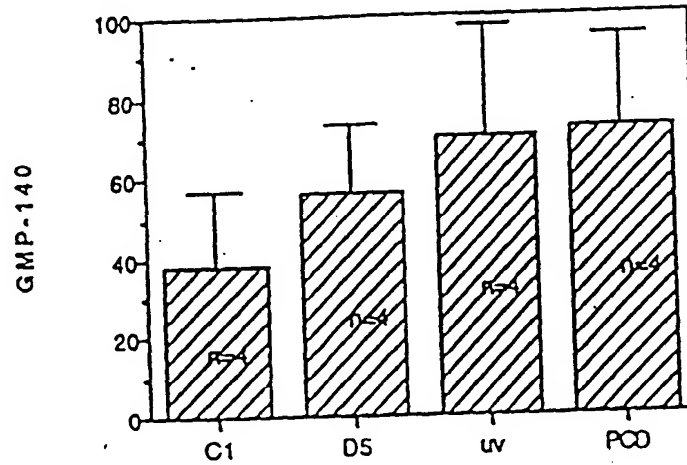


FIGURE 21C

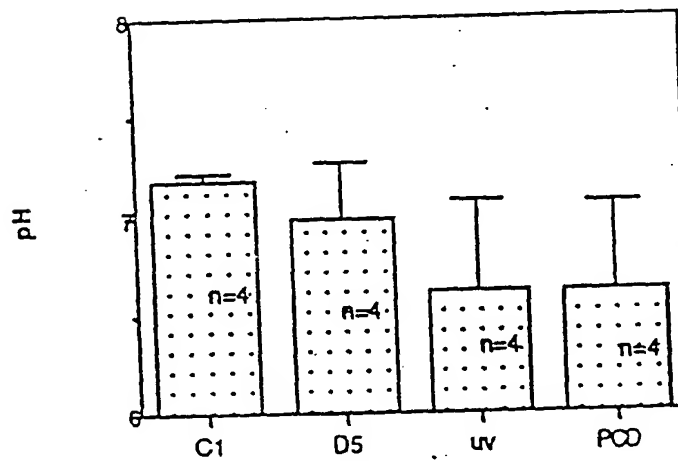


FIGURE 21D

2025-09-26T15:00T

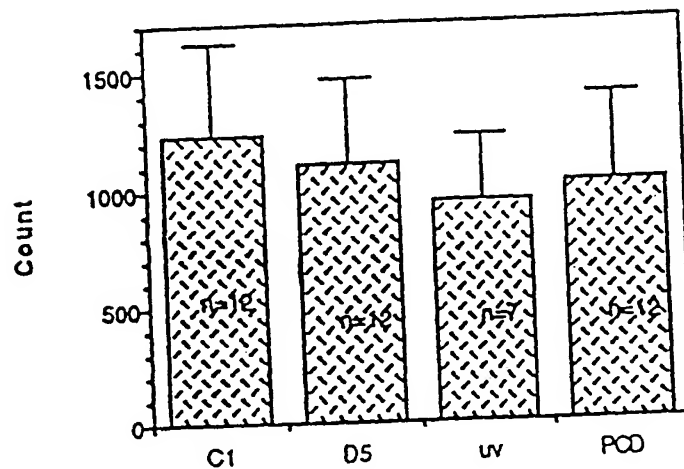


FIGURE 22A

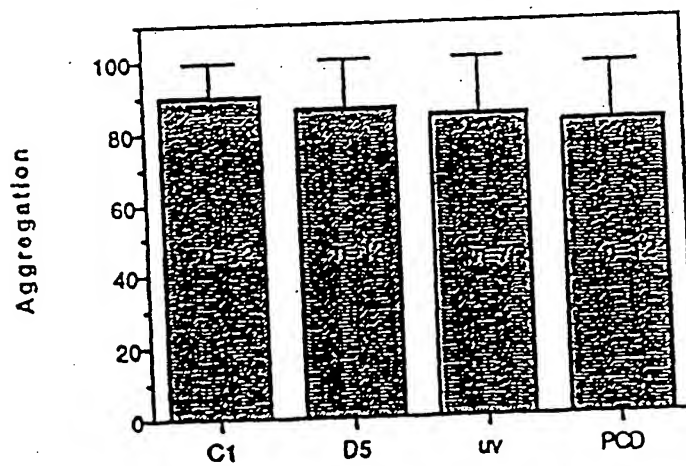


FIGURE 22B

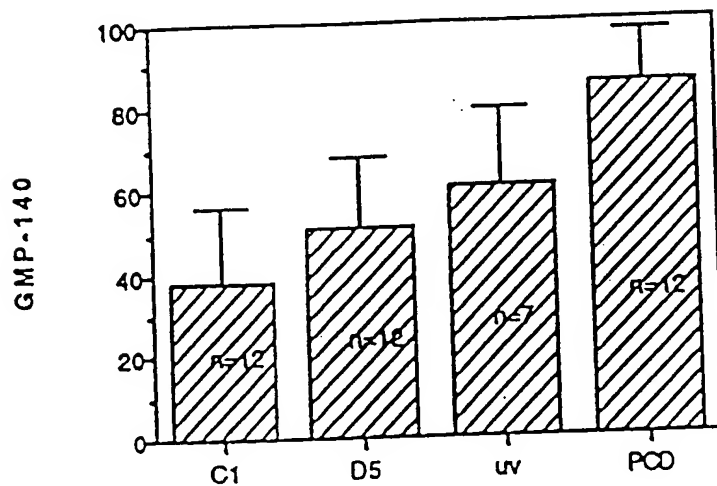


FIGURE 22C

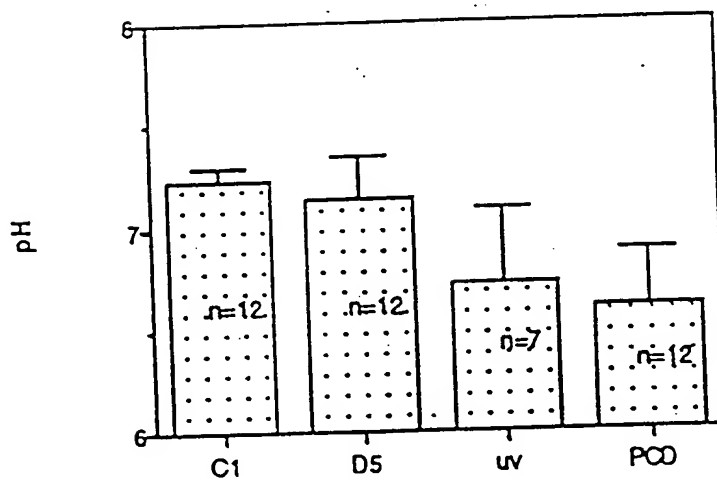


FIGURE 22D

20251976-01602

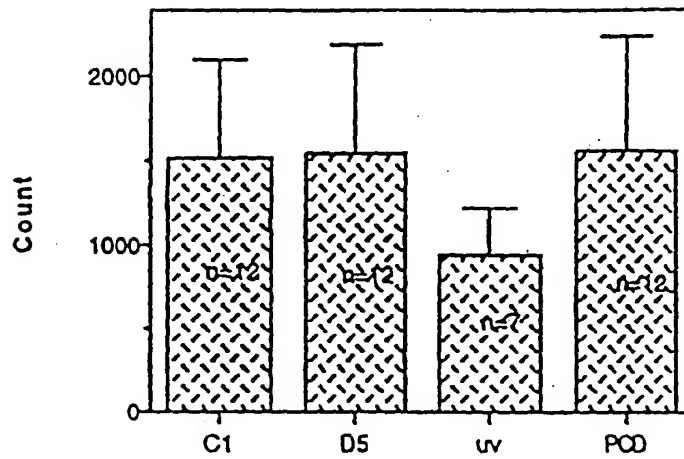


FIGURE 23A

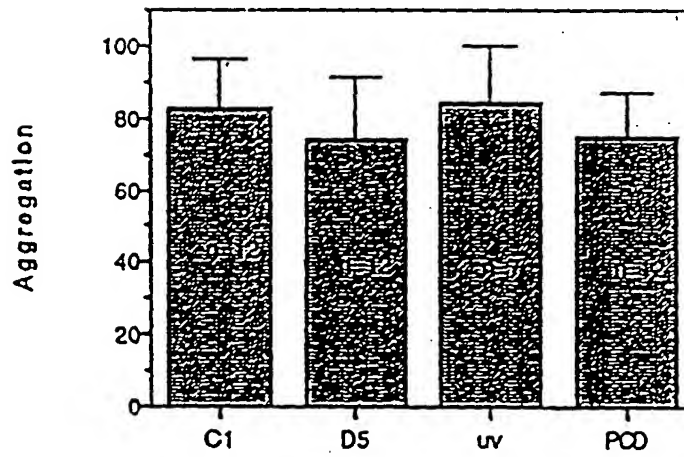


FIGURE 23B

20251976.01302



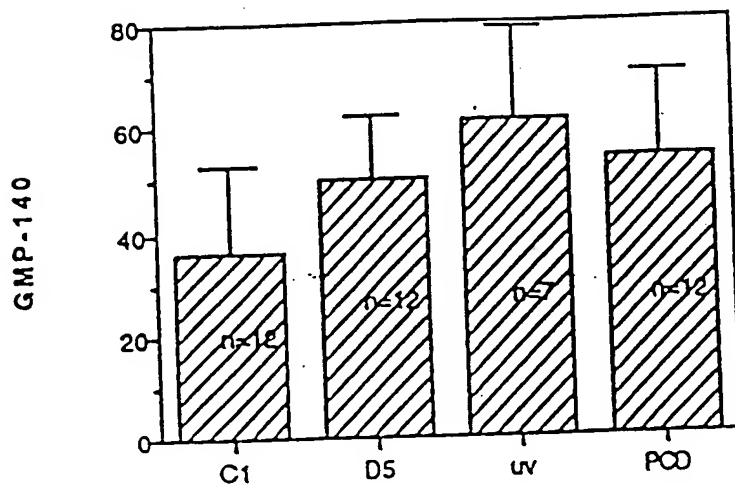


FIGURE 23C

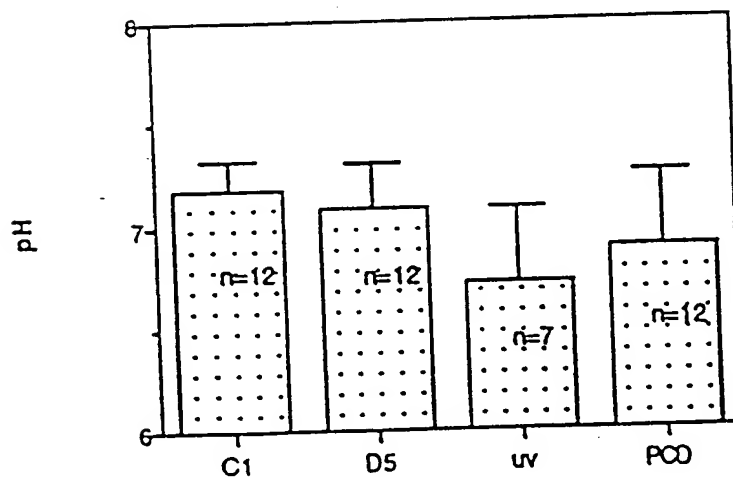


FIGURE 23D

209710-92675007

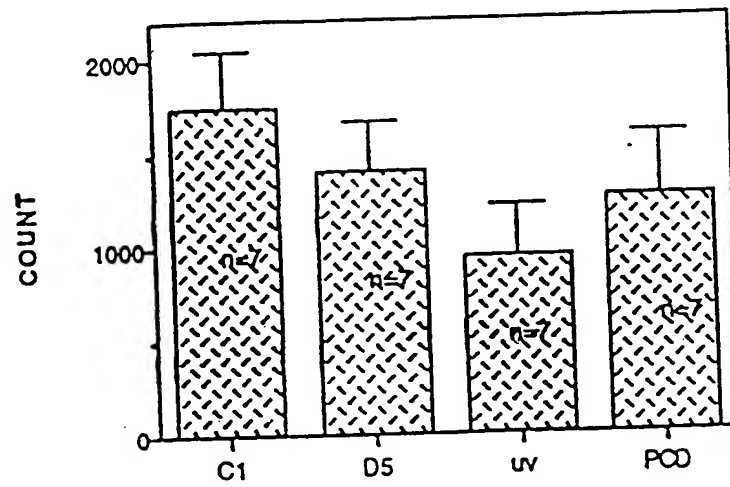


FIGURE 24A

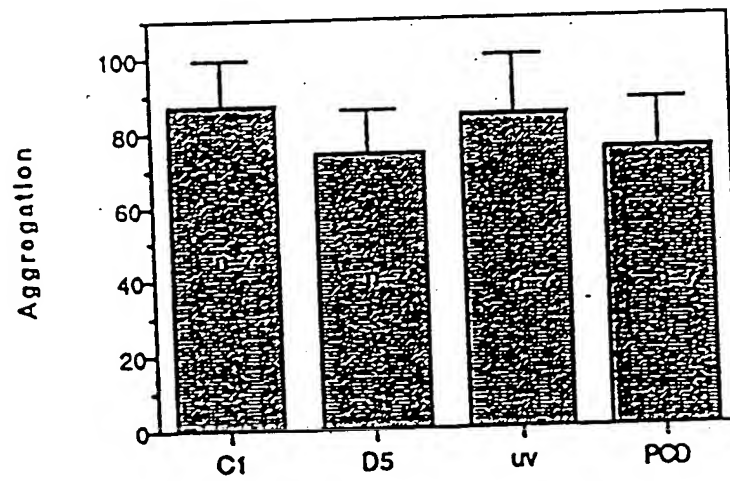


FIGURE 24B

2025-09-16 10:05:49 AM

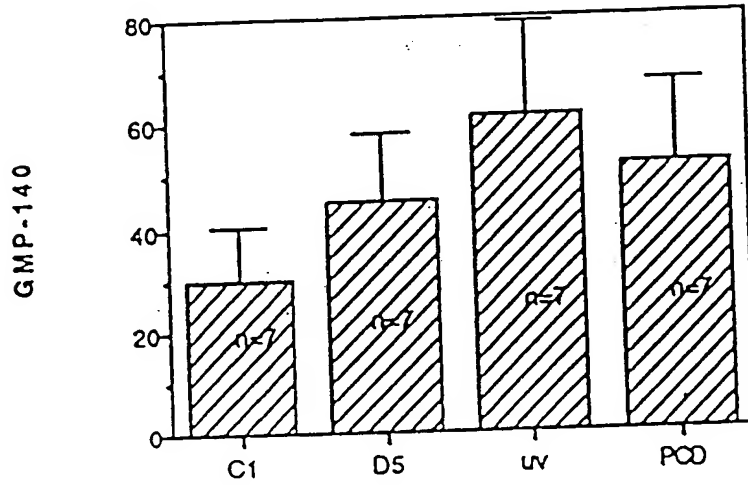


FIGURE 24C

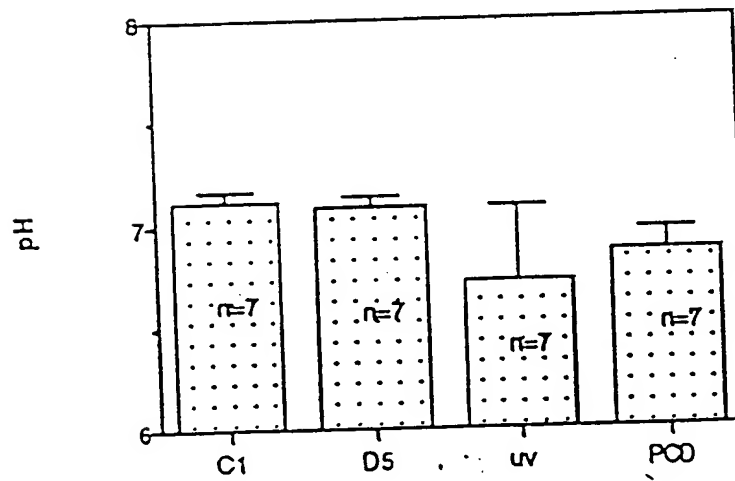


FIGURE 24D

Figure 25A

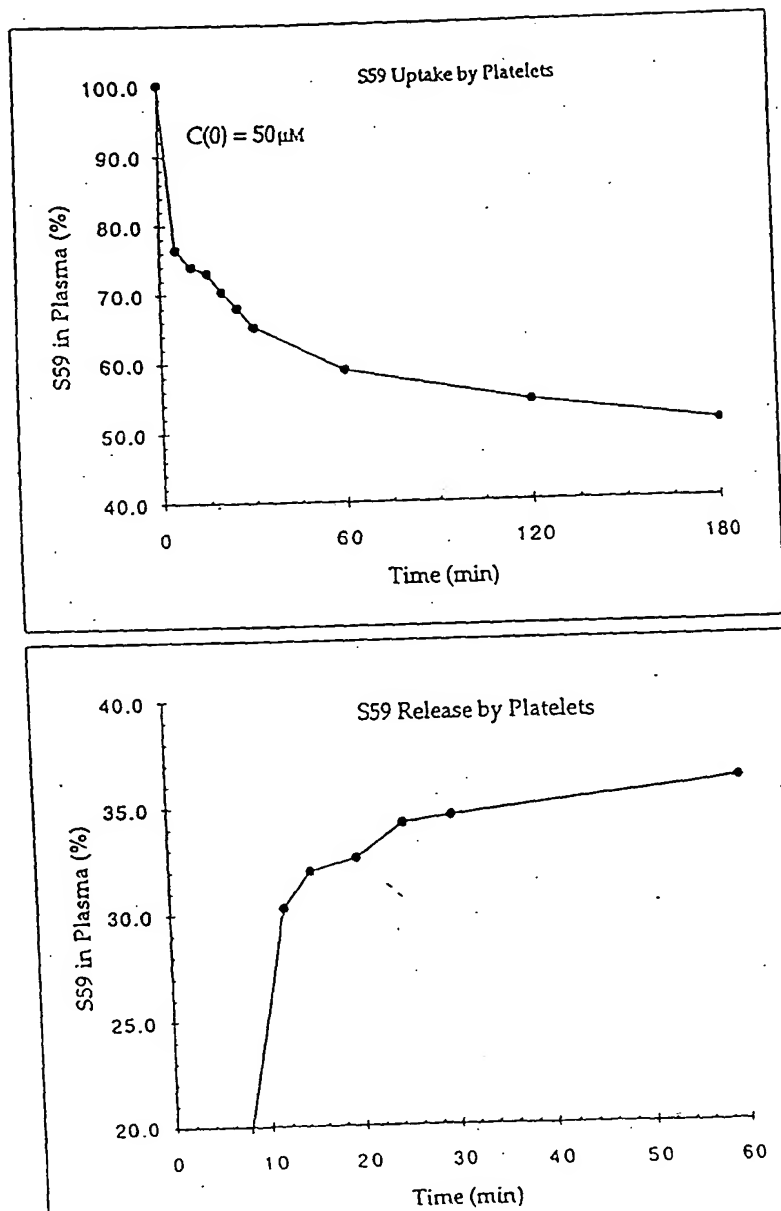
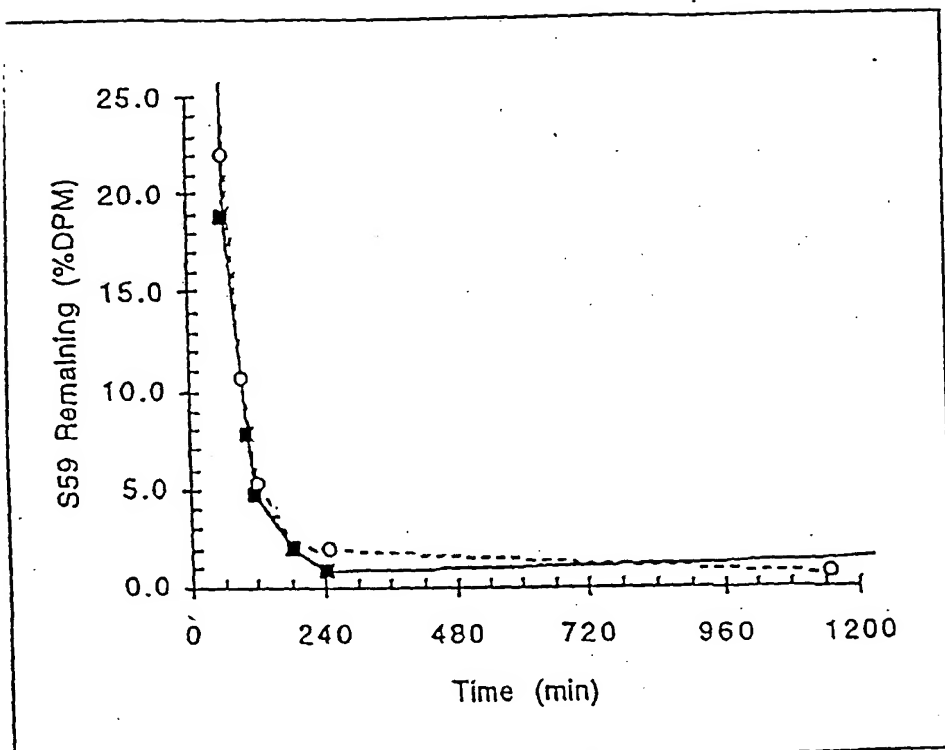


Figure 25B



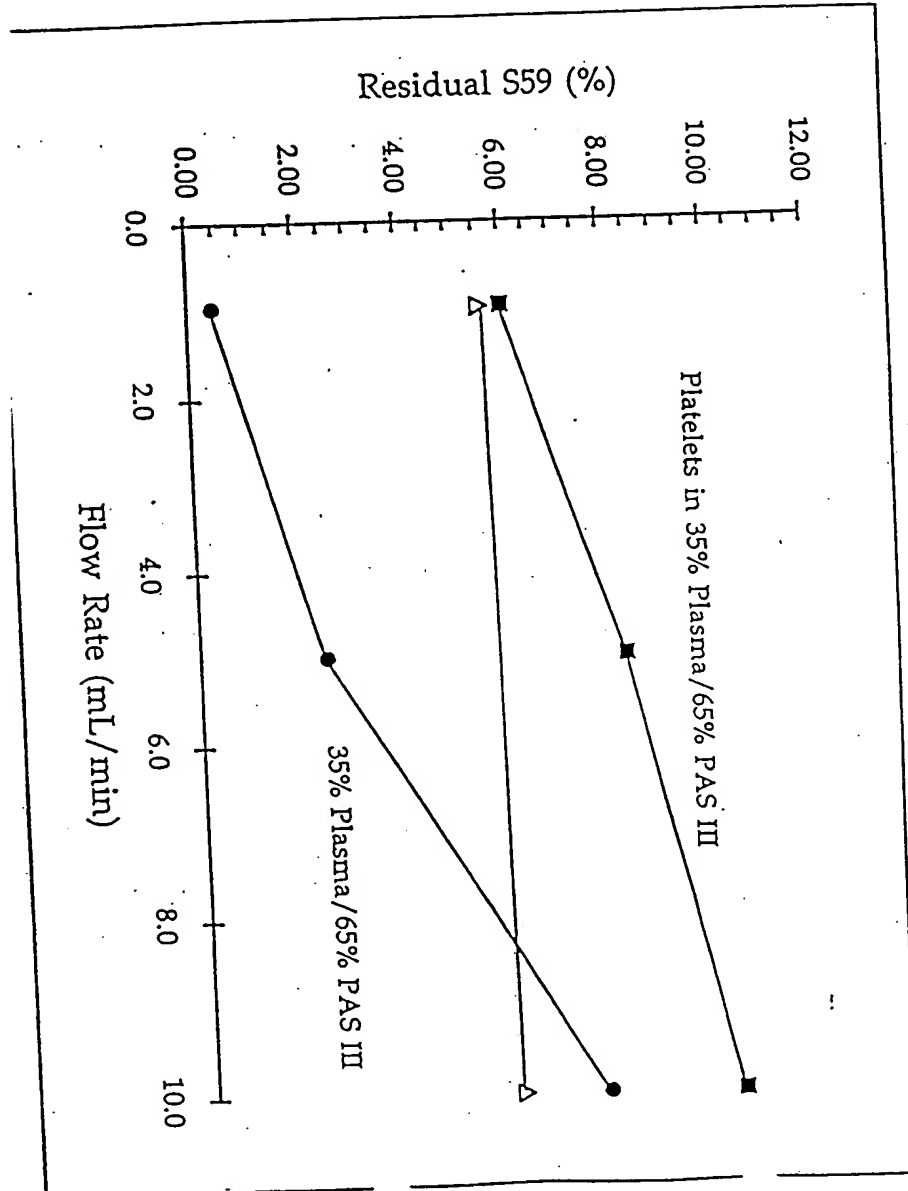
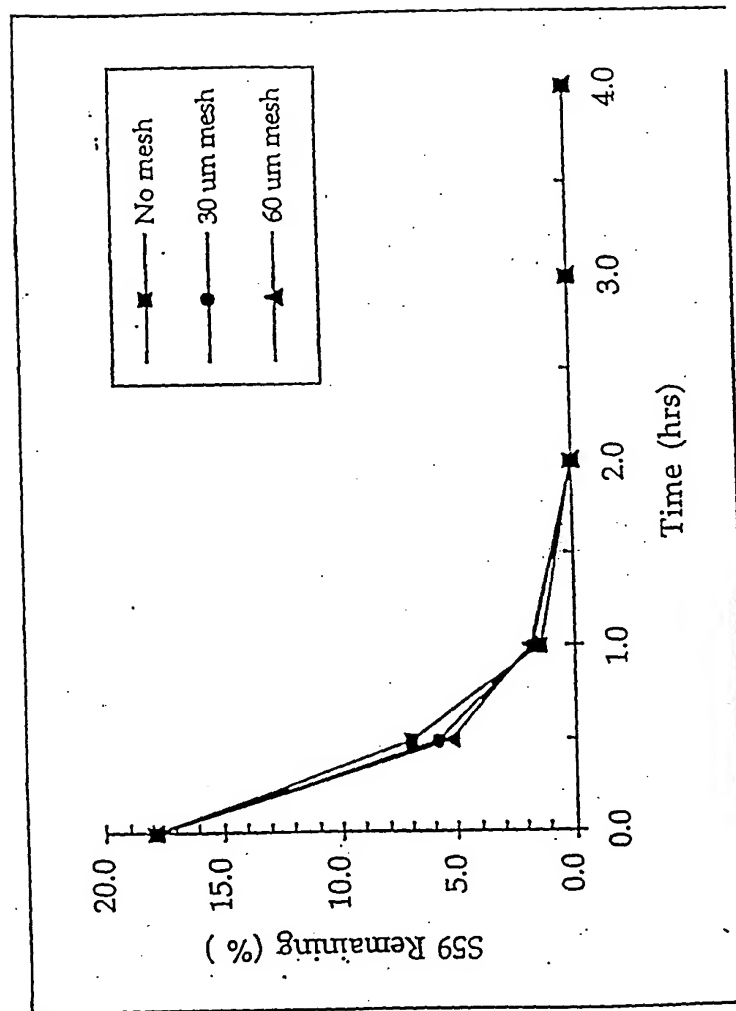


Figure 26

209710-9/67500F

Figure 27



Short Title: METHODS AND DEVICES FOR THE REMOVAL OF  
PSORALENS FROM BLOOD PRODUCTS

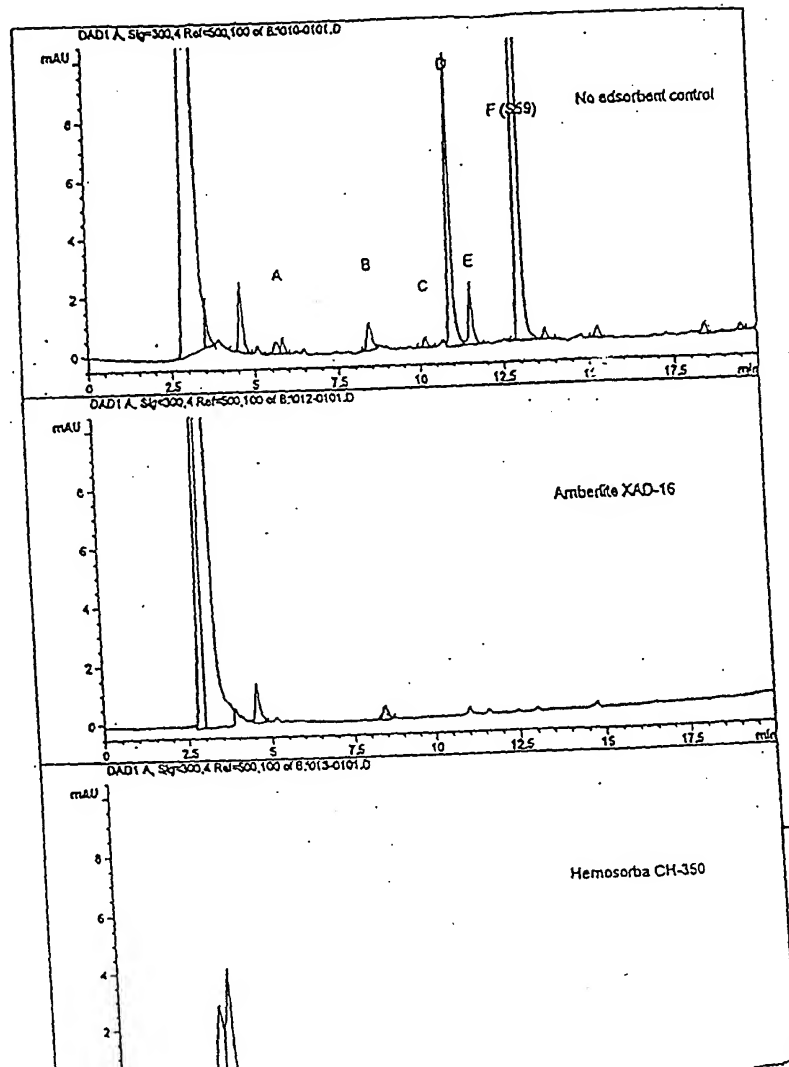
First Inventor: Derek J. HEI and George D. CIMINO

Applicant No.: To Be Assigned

Docket No.: 282172000902

Sheet 40 of 63

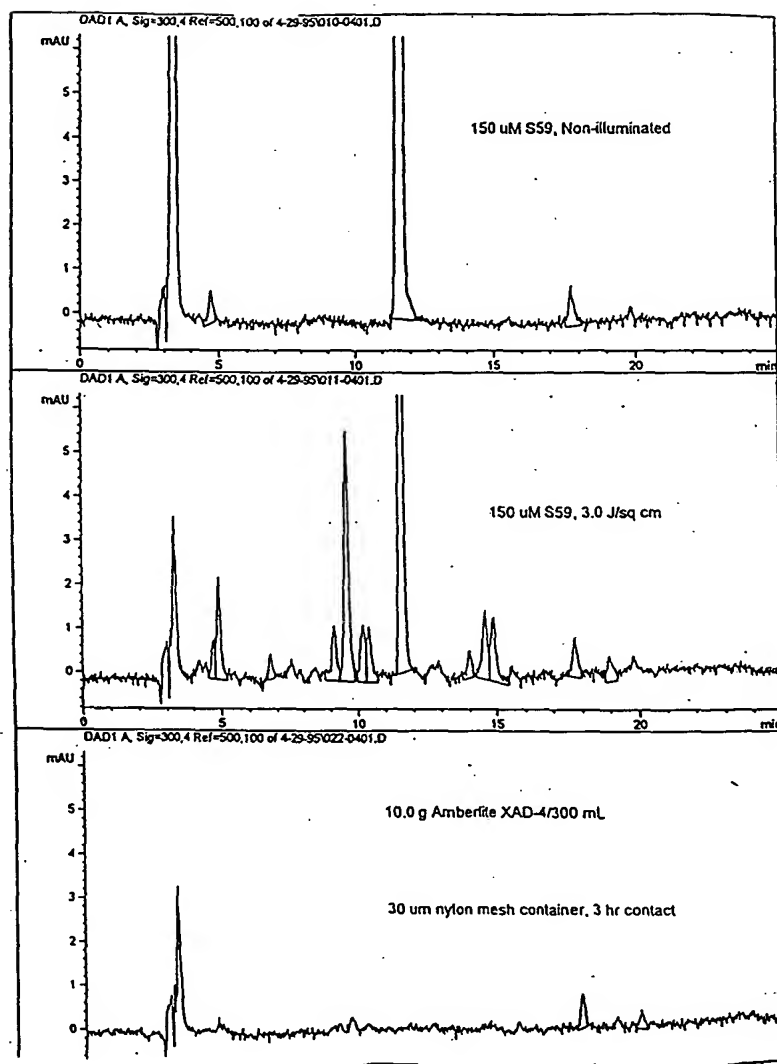
Figure 28A



10051976-011602



Figure 28B



10051976-011502

Flow Adsorption of S59 from 100% Plasma using Rezorian A161 (5 mL cartridge)

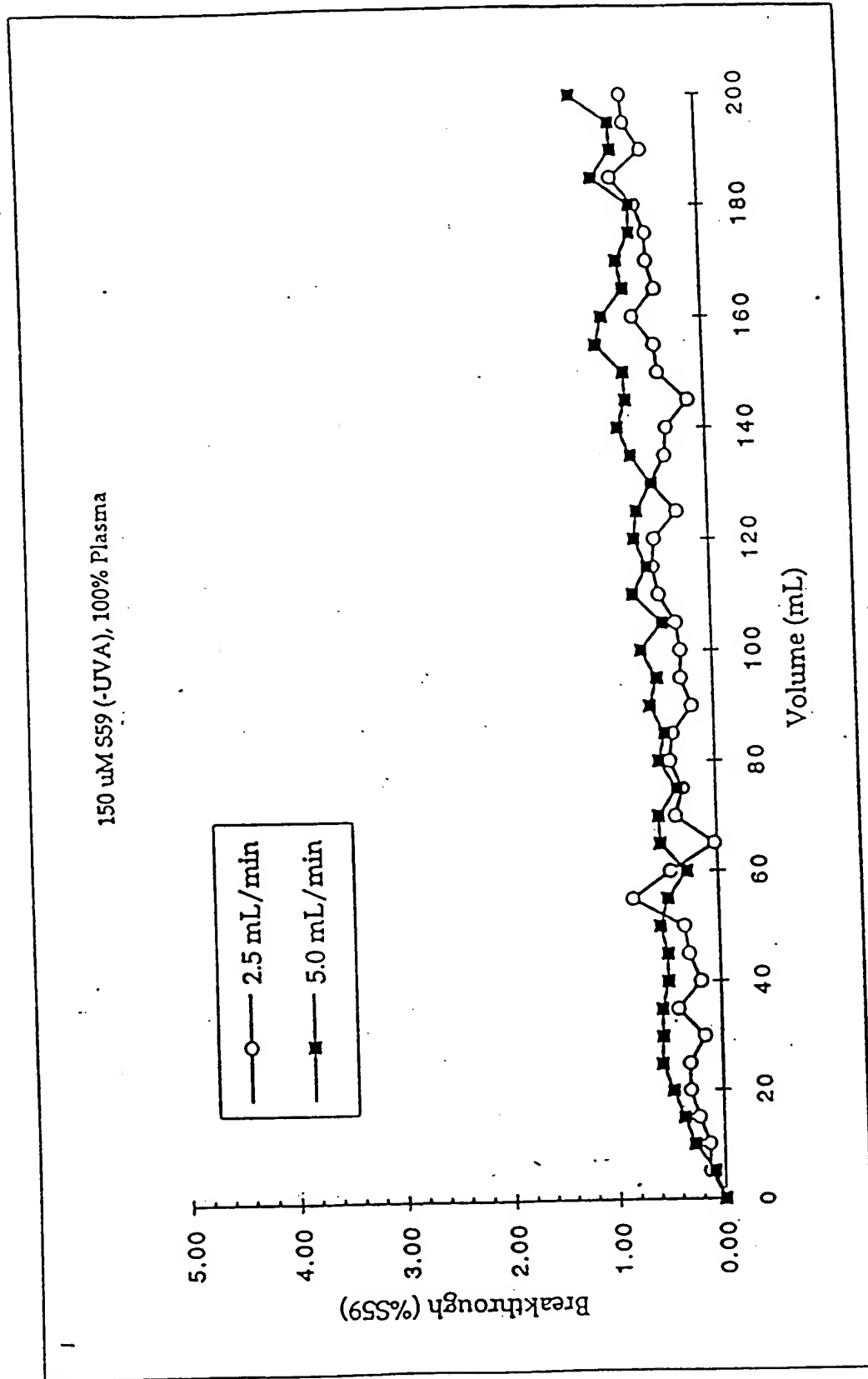


Figure 30A

FIBRINOGEN LEVEL AFTER S-59 PCD AND S-59 REMOVAL

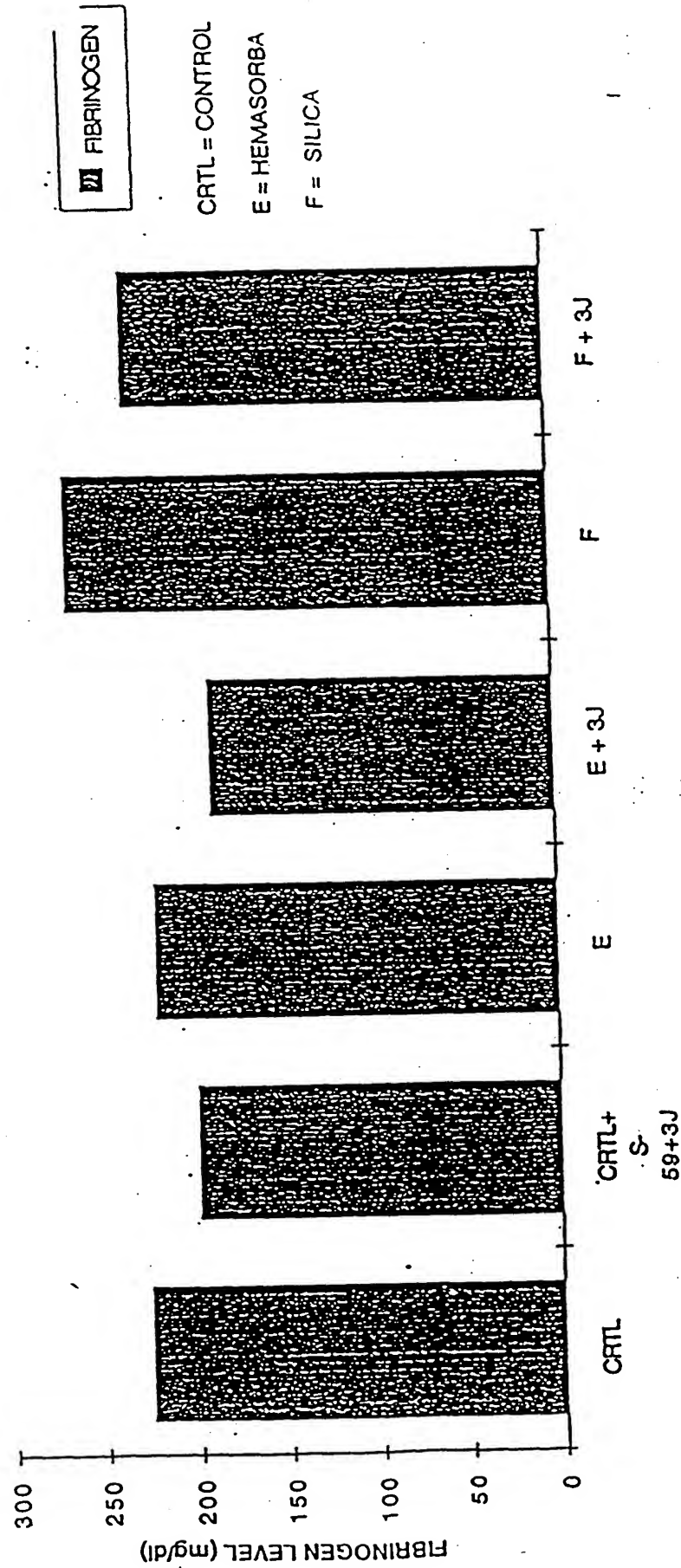


Figure 30B

FIBRINOGEN LEVEL AFTER S-59 PCD AND S-59 REMOVAL

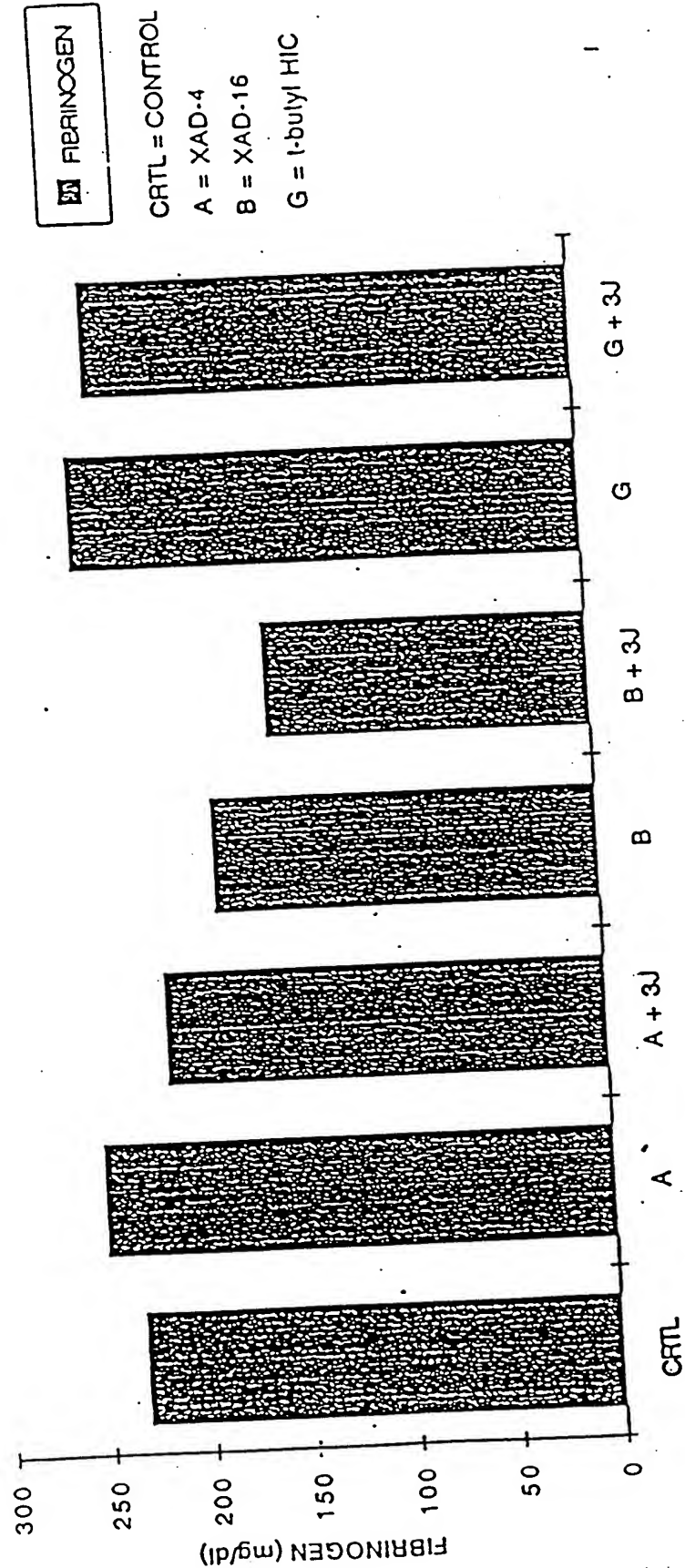


Figure 30C

PT, aPTT, TT COAGULATION FUNCTION AFTER S-59 PCD AND S-59 REMOVAL

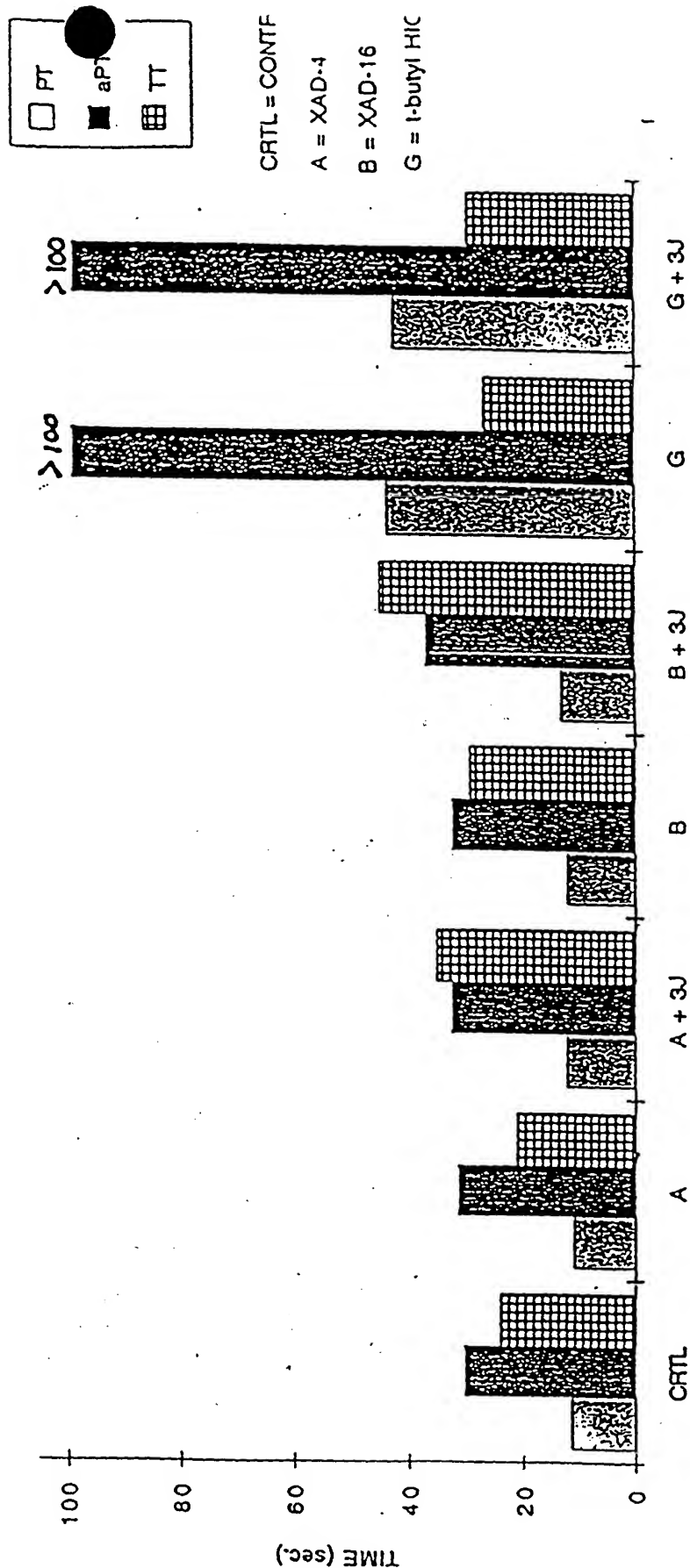
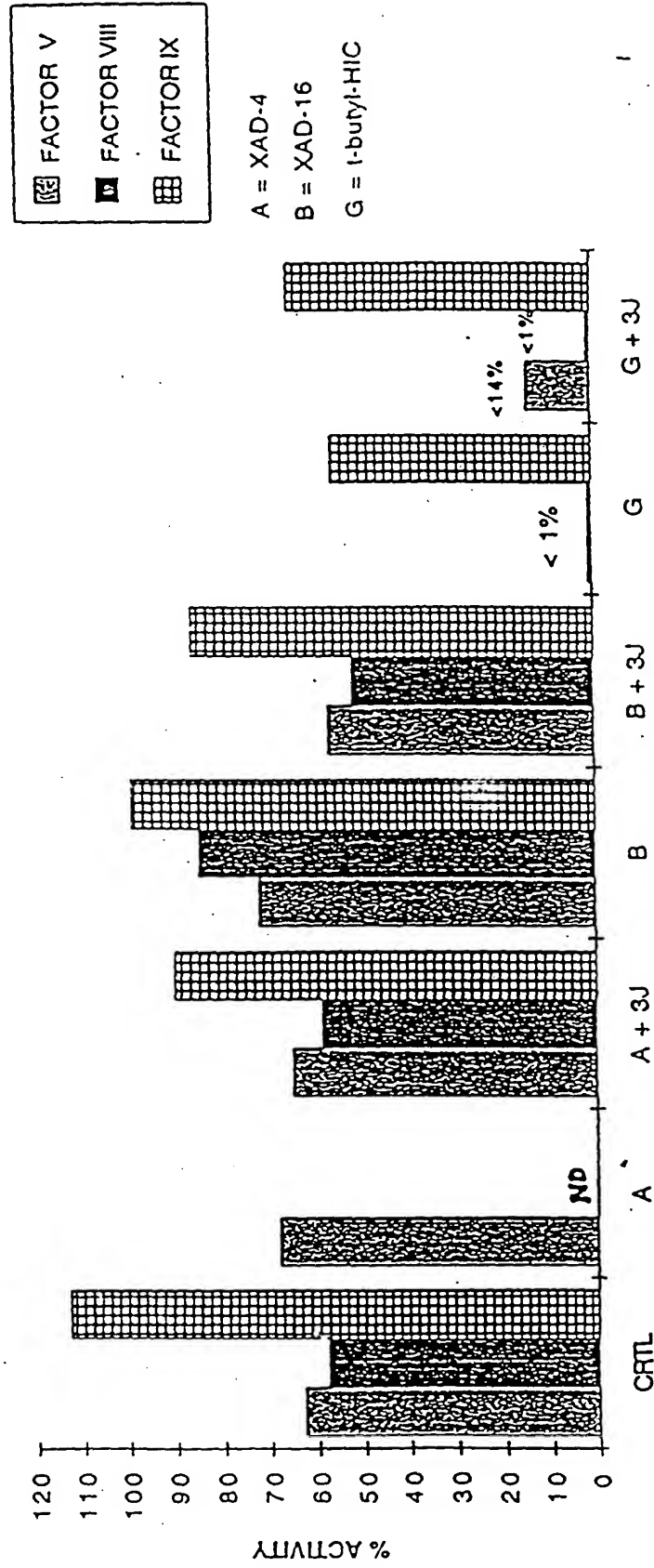


Figure 30D

FACTOR V, FACTOR VIII AND FACTOR IX ACTIVITY AFTER S-59 PCD AND S-59  
 REMOVAL



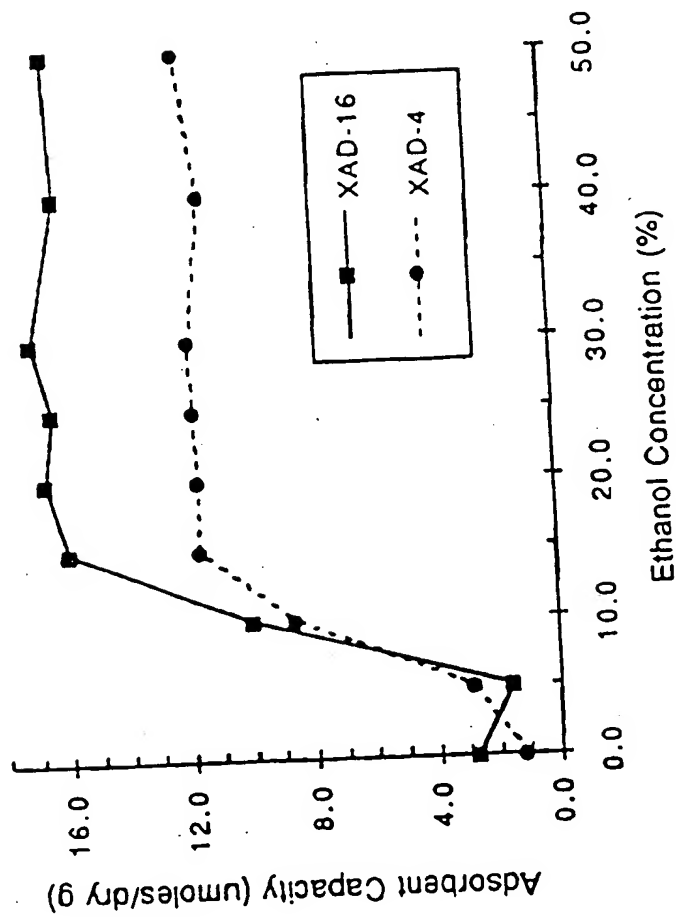


Figure 31

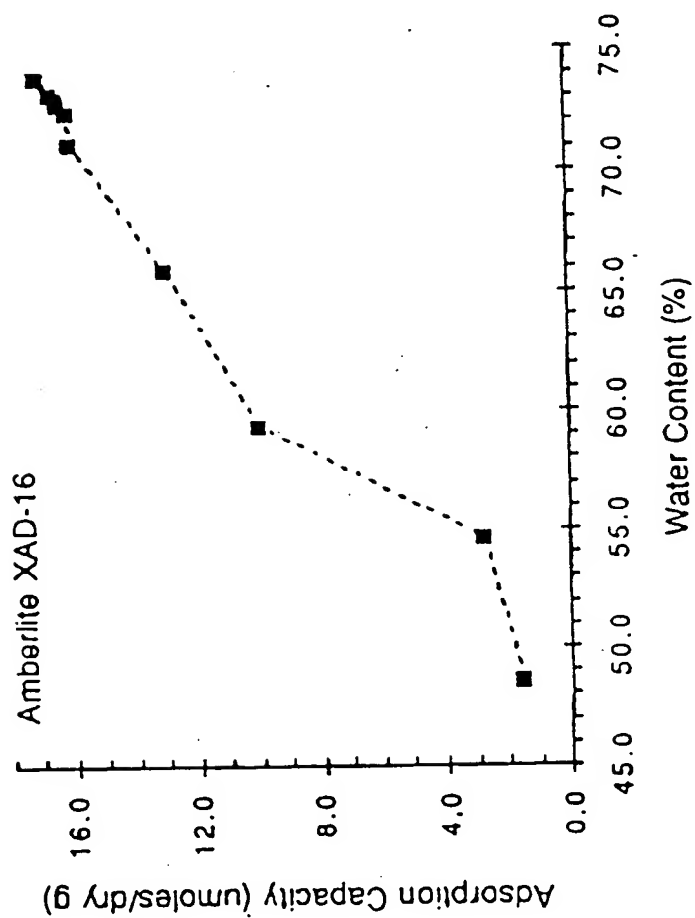


Figure 32

202510" 926F500F



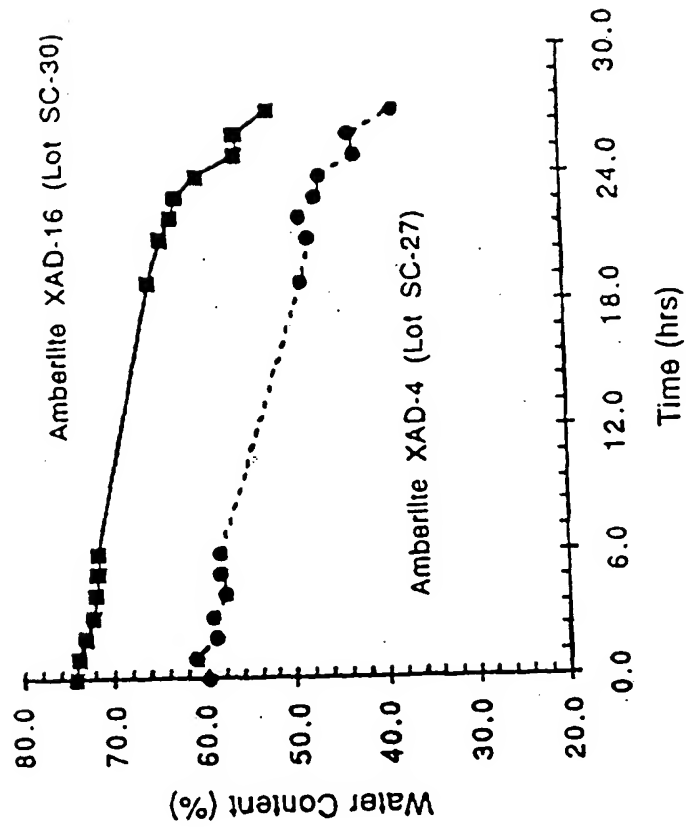


Figure 33

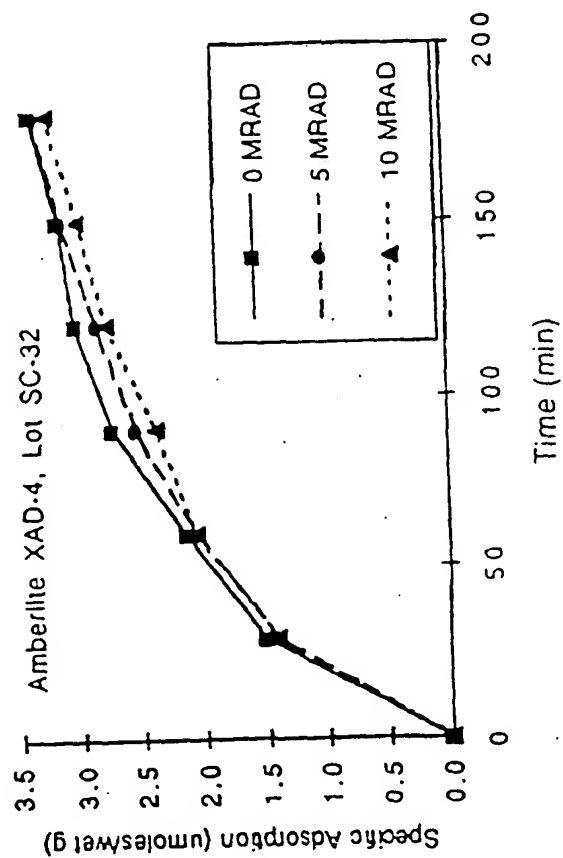


Figure 34-A

209110" 92615001

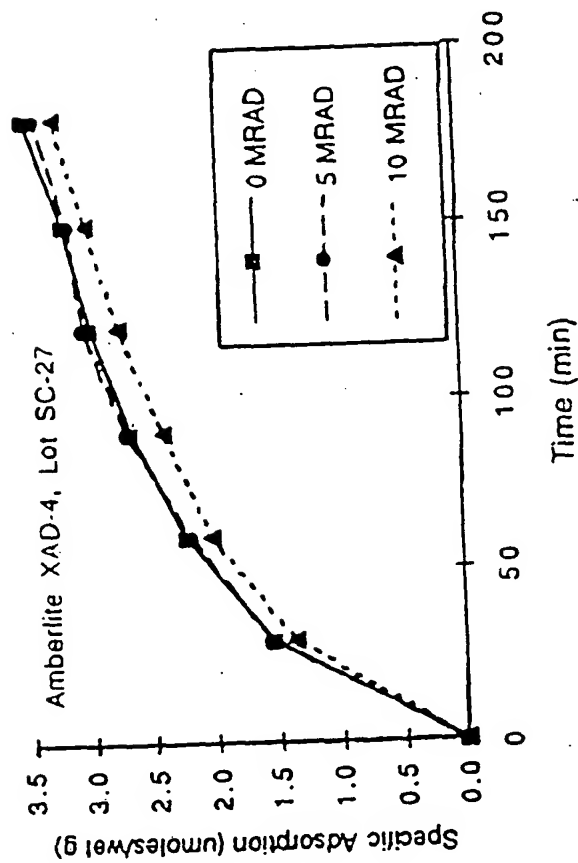


Figure 34-B

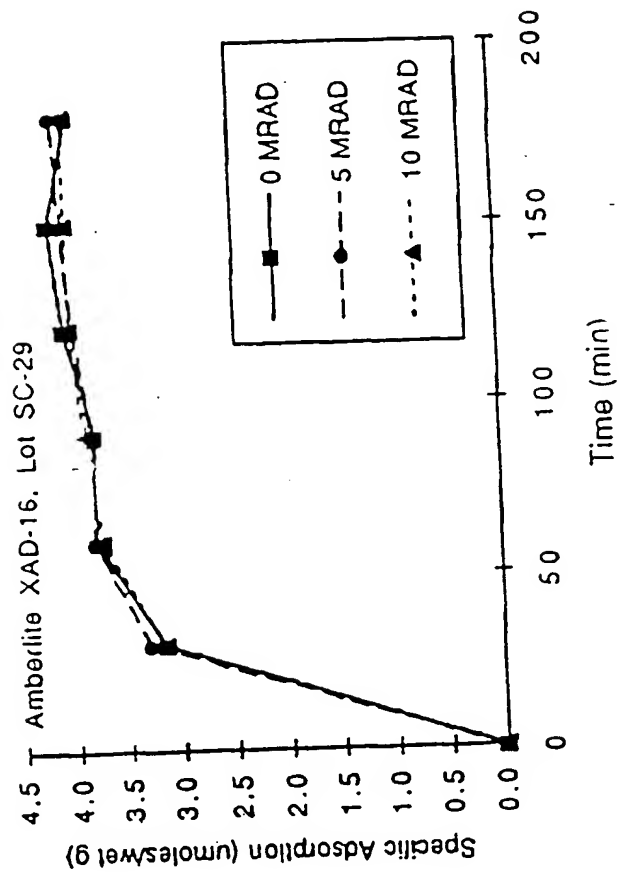


Figure 35-A

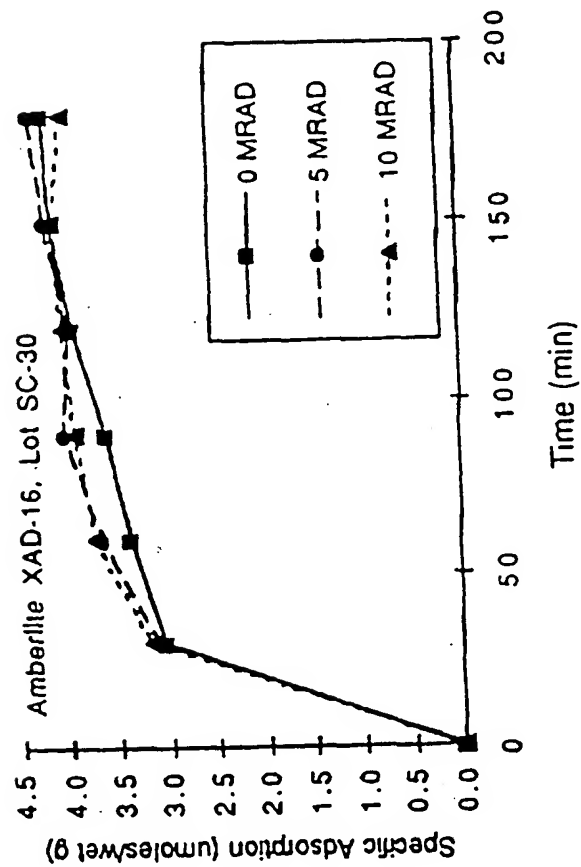


Figure 35-B

209110" 9/6/5001

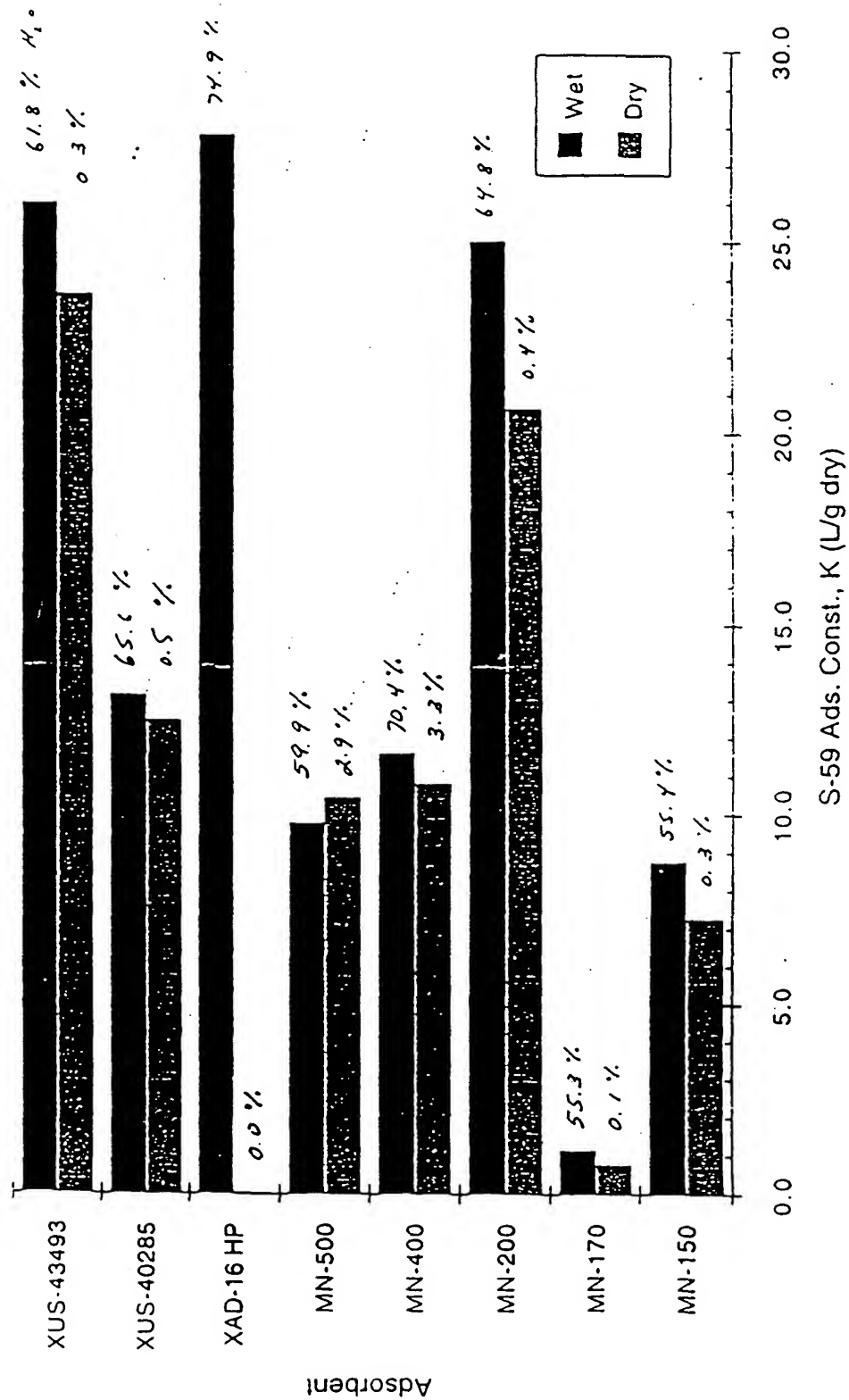


Figure 36

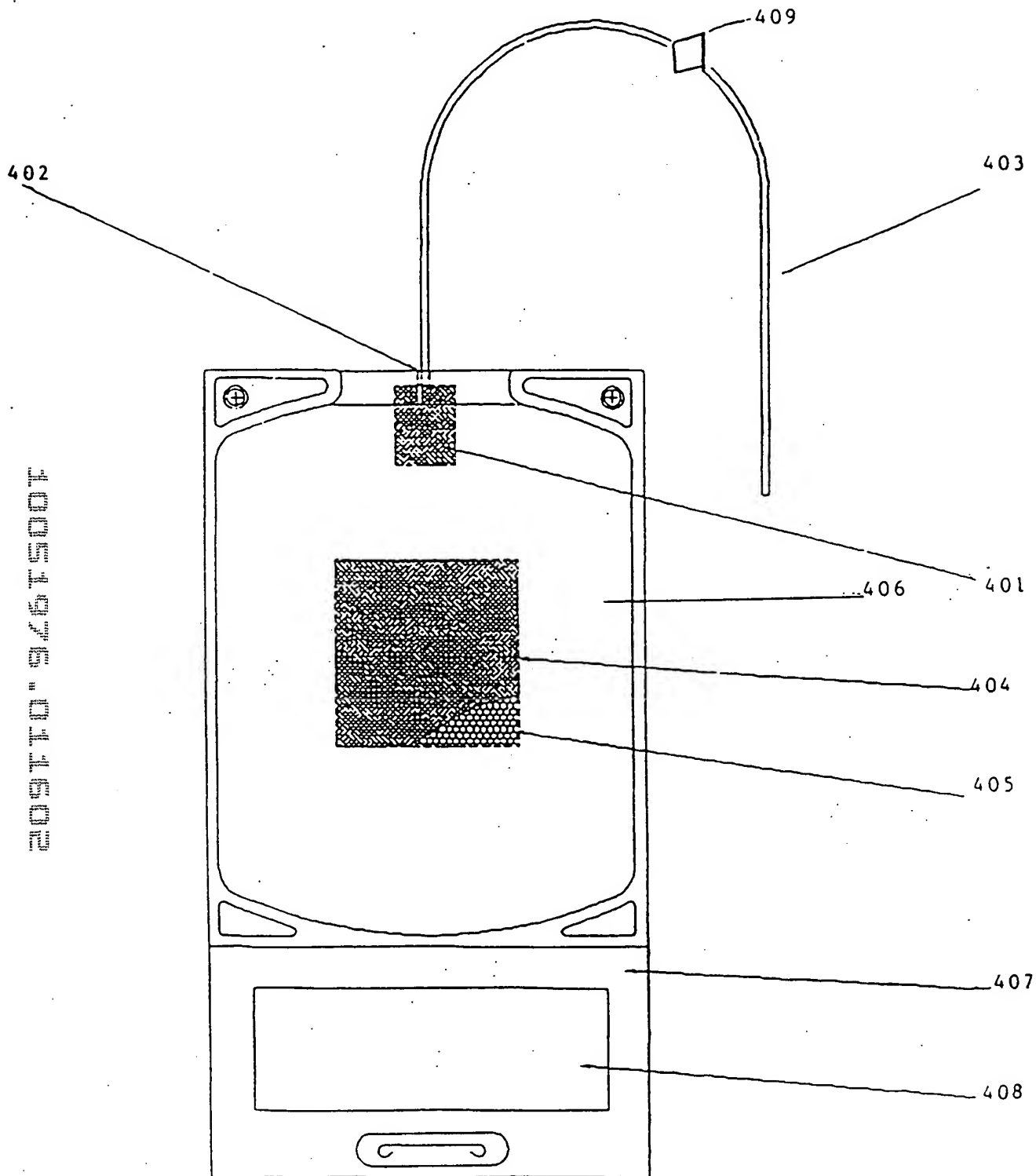


Figure 37








Manufacture of Port Seal Subassembly		Manufacture of Filled Mesh Pouch	
A 1 Mesh (PL 1144 Plastic) arrives cleaned and cut to final dimension		B 1 Mesh (PL 1144 Plastic) arrives cleaned and cut to final dimension	
A 2 Mesh is folded longitudinally and sealed transversely forming port filter open on one end		B 2 Mesh is folded longitudinally and sealed transversely forming mesh bag, open on one end	
A 3 Port filter is sealed to port bushing completing port seal subassembly.		B 3 Mesh pouch is precision filled by weight with adsorbent beads and sealed closed	
		B 4 Pouches are cleaned in vacuum and subjected to 100% inspection.	

Figure 38





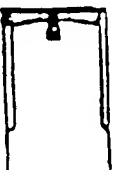
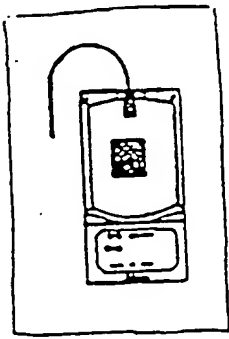

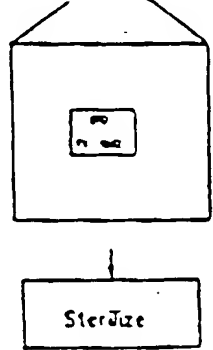
Manufacture of PL 2410 Plastic Container		Completion of SRD	
C1 Sides of the container are formed by RF welding 2 plies PL 2410 Plastic, leaving bottom open.		D1 Finished mesh pouch is inserted into C2, the bottom sealed is made, forming nonsterile SRD.	
C2 Port filter is integrated into port seal of		D2 SRD is labeled, inspected and placed in foil pouch.	
C3 Donor lead is sealed at the end and bonded inside port.		D3 Foil pouches (D2) are placed in cartons and subjected to gamma irradiation.	

Figure 38 continued

10051976-01602

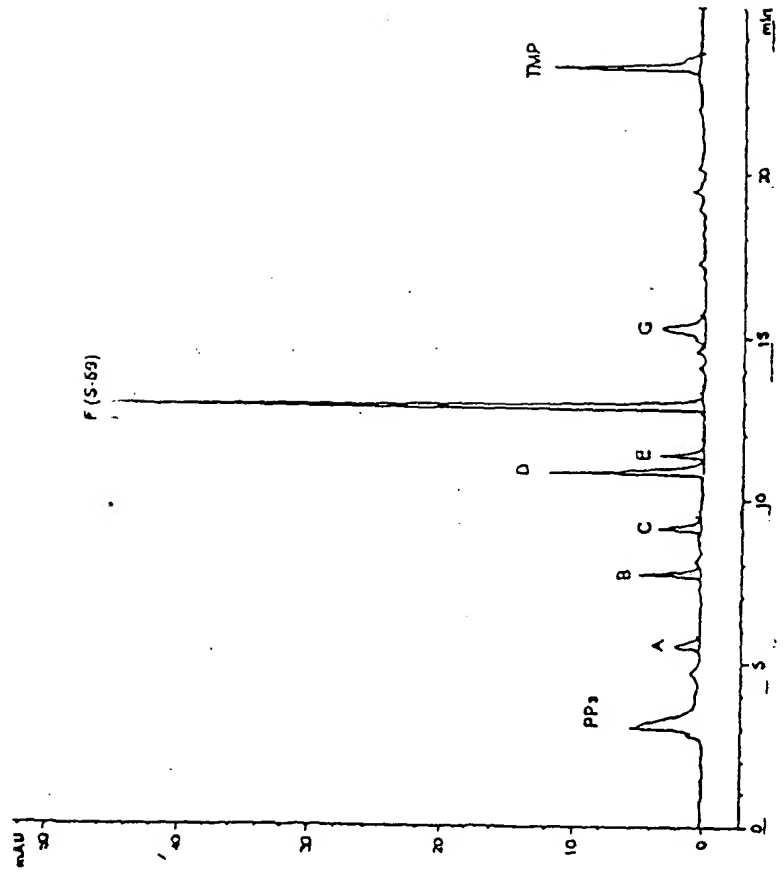


Figure 39

100531976 011502

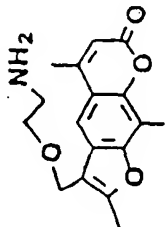
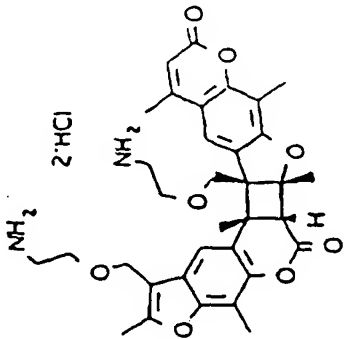
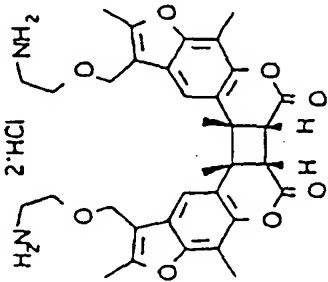
HPLC Peak F (S-S9)	
 <p>S-S9</p>	
Photoproduct D: Heterodimer of S-S9	Photoproduct E: Homodimer of S-S9
	

Figure 40

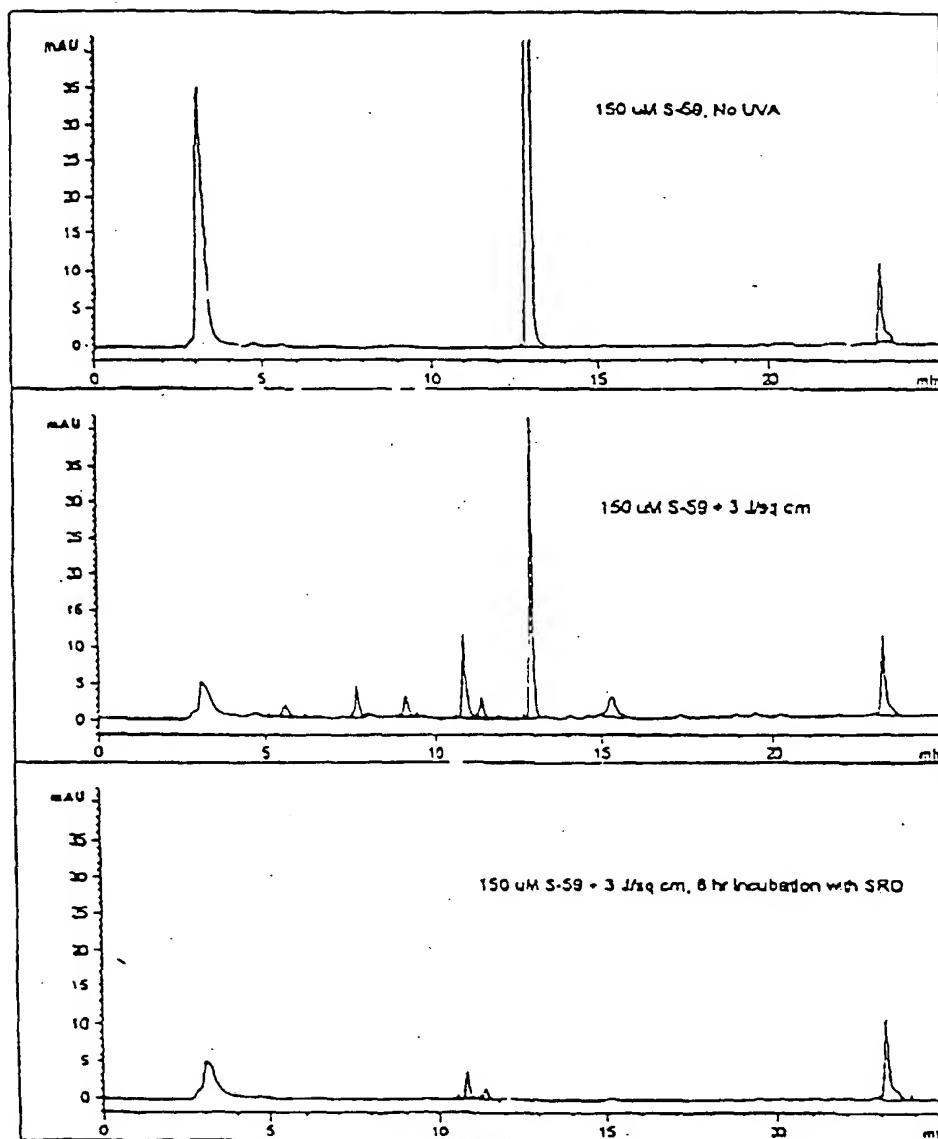


Figure 41

105196-01602

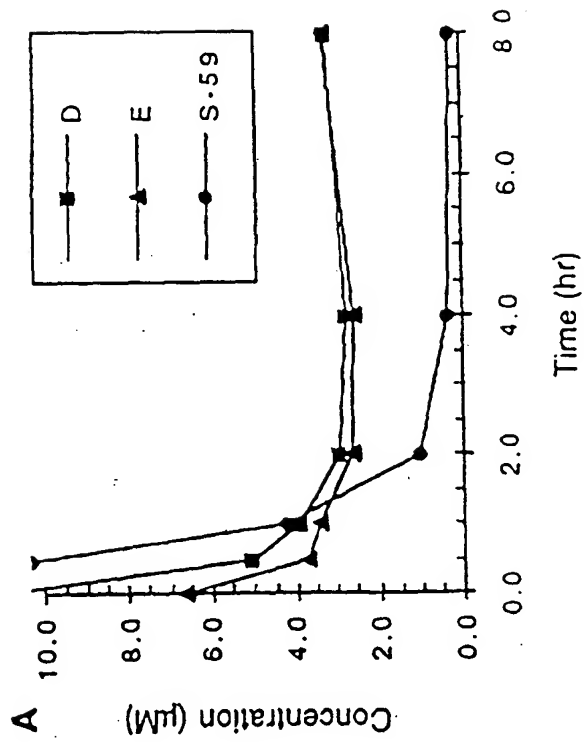


Figure 42

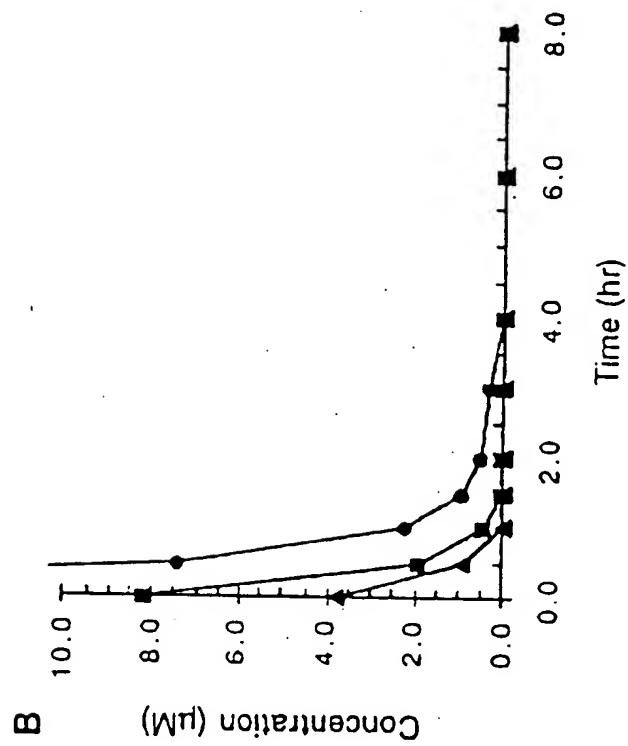


Figure 43

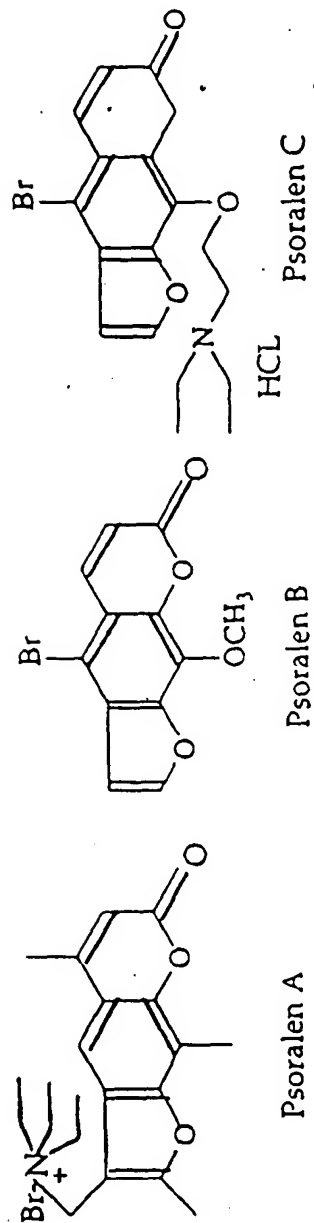


Figure 44